Berliner Astronomisches Jahrbuch

für

1935

160. Jahrgang

Herausgegeben von dem

Astronomischen Rechen-Institut





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Vorwort

Vom Jahrgang 1916 an ist der fundamentale Meridian, auf den alle Angaben des Jahrbuchs bezogen sind, der Meridian von Greenwich.

Die Zeit ist vom Jahrgang 1925 an in Welt-Zeit, d. i. Bürgerliche Zeit Greenwich, ausgedrückt (siehe Erläuterungen).

Die Grundlagen des Berliner Astronomischen Jahrbuchs bilden:

Für die Sonne und die großen Planeten:

Die Tafeln von Newcomb und (für Jupiter und Saturn) von Hill, enthalten in:

Astronomical Papers of the American Ephemeris,
Vol. VI, Part I—IV: *Tables of the four inner planets*,
Vol. VII, Part I—IV: *Tables of Jupiter, Saturn, Uranus, Neptune.*

Für Pluto die Elemente von E. C. Bower. (Näheres siehe Erläuterungen.)

Als Sonnenhalbmesser in der mittleren Entfernung ist 16′ 1″.50 angenommen; dagegen liegt der Berechnung der Finsternisse der von Auwers in A. N., Bd. 128 gegebene Wert 15′ 59″.63 zugrunde.

Für den Mond:

Tables of the Motion of the Moon by Ernest W. Brown.

Der geozentrische Mondhalbmesser $r_☾$ ist aus der Äquatorial-Horizontalparallaxe $p_☾$ gerechnet nach der Formel

$$r_☾ = 0.272469\, p_☾ + 1''.50,$$

für die Finsternisse nach $\sin r_☾ = 0.272274 \sin p_☾$.

Als Neigung des Mondäquators gegen die Ekliptik ist nach F. Hayn (A. N. Bd. 199, 263) angenommen: $J = 1° 32' 20''$.

Für die Fixsterne:

Neuer Fundamentalkatalog des Berliner Astronomischen Jahrbuchs nach den Grundlagen von A. Auwers, für die Epochen 1875 und 1900 bearbeitet von Dr. J. Peters (Veröffentlichung Nr. 33 des Königlichen Astronomischen Rechen-Instituts).

Die Sterngrößen sind der »Revised Harvard Photometry (Harvard Annals, vol. 50)«, die Sternspektra dem »Henry Draper Catalogue (Harvard Annals, vol. 91—99)« entnommen.

Als Werte der fundamentalen Reduktionsgrößen sind angenommen:

Die Präzessions-Größen nach S. Newcomb
(vgl. H. Andoyer, Bull. Astr. **28**, 67)
Die Nutations-Konstante . . . . . 9".21
Die Nutations-Größen nach S. Newcomb
(Bull. Astr. **15**, 241)
Die Aberrations-Konstante . . . . 20".47
Die Sonnen-Parallaxe . . . . 8".80
Die Abplattung der Erde . . . . 1 : 297.0

Für die Satelliten:

Die Angaben über die 4 älteren Jupitertrabanten beruhen auf den neuen Tafeln von R. A. Sampson (*Tables of the four great Satellites of Jupiter.* London 1910), die Angaben über die 8 älteren Saturnsatelliten auf den von H. Struve ermittelten Werten (Näheres s. Erläuterungen).

In allen Ephemeriden der Sonne, der Planeten und der Fixsterne sind die kurzperiodischen, von der Mondlänge abhängigen Nutationsglieder weggelassen; doch bietet das Jahrbuch die Möglichkeit, auch diese weggelassenen Glieder zu berücksichtigen (s. Erläuterungen).

Vom vorliegenden Jahrgang ab wird eine Ephemeride des im Jahre 1930 entdeckten Planeten Pluto gegeben, im übrigen hat der Inhalt des Jahrbuches gegen das Vorjahr keine Änderungen erfahren.

Bezüglich der Zahlengrundlagen sei auf die im Berliner Jahrbuch für 1916 gegebene Darstellung der »Grundbegriffe der Sphärischen Astronomie« hingewiesen.

Ein Teil der Angaben wurde seitens der American Ephemeris and Nautical Almanac, Washington, des Nautical Almanac Office, London, und des Bureau des Longitudes, Paris, zur Verfügung gestellt.

Die Schriftleitung des Astronomischen Jahrbuchs für 1935 lag in den Händen von Herrn Dr. Kohl; an den verschiedenen Arbeiten beteiligten sich außerdem die Herren Dr. Heinemann, Dr. Gondolatsch, Dr. Müller, Dr. Baehr und mehrere Hilfsarbeiter.

Astronomisches Rechen-Institut.

Inhalt

Zeit- und Festrechnung 1935

Das Jahr 1935 entspricht dem
Jahr 6648 der Julianischen Periode und dem
Jahr 7443—7444 der Byzantinischen Ära.

Gregorianischer Kalender

Goldene Zahl	17
Epakte	XXV
Sonnenzirkel	12
Sonntagsbuchstabe	F

Septuagesima	17. Febr.
Aschermittwoch	6. März
I. Quatember	13. März
Ostersonntag	21. April
Himmelfahrt	30. Mai
Pfingstsonntag	9. Juni
II. Quatember	12. Juni
III. Quatember	18. Sept.
I. Advent	1. Dez.
IV. Quatember	18. Dez.

Kalender der Mohammedaner

1353 (Gemeinjahr von 354 Tagen)

Schewwâl	1	1935	Jan.	7
Dsû'l-kade	1	»	Febr.	5
Dsû'l-hedsche	1	»	März	7

1354 (Gemeinjahr von 354 Tagen)

Moharrem	1	1935	April	5
Safar	1	»	Mai	5
Rebî-el-awwel	1	»	Juni	3
Rebî-el-accher	1	»	Juli	3
Dschemâdi-el-awwel	1	»	Aug.	1
Dschemâdi-el-accher	1	»	Aug.	31
Redscheb	1	»	Sept.	29
Schabân	1	»	Okt.	29
Ramadân	1	»	Nov.	27
Schewwâl	1	»	Dez.	27

Kalender der Juden

5695 (Schaltjahr von 383 Tagen)

Schebat	1	. . . .	1935	Jan.	5
Adar	1	. . . .	»	Febr.	4
»	14	Klein Purim	»	»	17
Veadar	1	. . . .	»	März	6
»	13	Fasten-Esther	»	»	18
»	14	Purim	»	»	19
»	15	Schuschan-Purim	»	»	20
Nisan	1	. . . .	»	April	4
»	15	*Passah-Anfang	»	»	18
»	16	*Zweites Fest	»	»	19
»	21	*Siebentes Fest	»	»	24
»	22	*Achtes Fest	»	»	25
Ijar	1	. . . .	»	Mai	4
»	18	Lag-B'omer	»	»	21
Sivan	1	. . . .	»	Juni	2
»	6	*Wochenfest	»	»	7
»	7	*Zweites Fest	»	»	8
Thamuz	1	. . . .	»	Juli	2
»	17	Fasten. Eroberung Jerusalems .	»	»	18
Ab	1	. . . .	»	»	31
»	9	Fasten. Tempelverbrennung . .	»	Aug.	8
Elul	1	. . . .	»	»	30

5696 (Gemeinjahr von 355 Tagen)

Tischri	1	*Neujahrsfest	1935	Sept.	28
»	2	*Zweites Fest	»	»	29
»	3	Fasten-Gedaljah.	»	»	30
»	10	*Versöhnungsfest	»	Okt.	7
»	15	*Laubhüttenfest	»	»	12
»	16	*Zweites Fest	»	»	13
»	21	Palmenfest	»	»	18
»	22	*Laubhüttenende	»	»	19
»	23	*Gesetzesfreude	»	»	20
Marcheschwan	1	. . . .	»	»	28
Kislev	1	. . . .	»	Nov.	27
»	25	Tempelweihe	»	Dez.	21
Tebet	1	. . . .	»	»	27

Die mit * bezeichneten Festtage werden streng gefeiert.

Astronomische Zeichen und Abkürzungen

Bezeichnung der Wochentage

☉ Sonntag
☾ Montag
♂ Dienstag
☿ Mittwoch
♃ Donnerstag
♀ Freitag
♄ Sonnabend

Adspekten

☌ Konjunktion
□ Quadratur
☍ Opposition

Mondphasen

● Neumond
☽ Erstes Viertel
○ Vollmond
☾ Letztes Viertel

☊ Aufsteigender } Knoten
☋ Absteigender } Knoten

Zeichen

des Tierkreises und der Himmelskörper

♈ Widder . . .	0 Grad	
♉ Stier	30 »	☉ Sonne
♊ Zwillinge . . .	60 »	☾ Mond
♋ Krebs	90 »	☿ Merkur
♌ Löwe	120 »	♀ Venus
♍ Jungfrau . . .	150 »	♁ Erde
♎ Waage . . .	180 »	♂ Mars
♏ Skorpion . . .	210 »	♃ Jupiter
♐ Schütze . . .	240 »	♄ Saturn
♑ Steinbock . .	270 »	⛢ Uranus
♒ Wassermann .	300 »	♆ Neptun
♓ Fische	330 »	

Sonne, Mond, Große Planeten

1935

Sonne 1935

Tag		Wochentag	Zeitgleichung Mittlere Zeit *minus* Wahre Zeit (0h Welt-Zeit)		Scheinbare Rektaszension		Scheinbare Deklination		Halbe Durchgangs-Dauer St.-Zt.	Halbmesser
1935			m s	s	h m s	m s	° ′ ″	′ ″	s	′ ″
Jan.	0	Mo	+ 2 37.54	28.89	18 37 33.19	4 25.44	−23 10 6.2	4 12.2	71.12	16 17.82
	1	Di	3 6.43	28.62	18 41 58.63	4 25.18	23 5 54.0	4 39.9	71.08	16 17.83
	2	Mi	3 35.05	28.31	18 46 23.81	4 24.87	23 1 14.1	5 7.5	71.04	16 17.83
	3	Do	4 3.36	27.98	18 50 48.68	4 24.54	22 56 6.6	5 35.1	71.00	16 17.83
	4	Fr	4 31.34	27.61	18 55 13.22	4 24.17	22 50 31.5	6 2.3	70.95	16 17.82
	5	Sa	4 58.95	27.20	18 59 37.39	4 23.75	22 44 29.2	6 29.4	70.90	16 17.82
	6	St	+ 5 26.15	26.76	19 4 1.14	4 23.32	−22 37 59.8	6 56.3	70.84	16 17.81
	7	Mo	5 52.91	26.28	19 8 24.46	4 22.84	22 31 3.5	7 22.9	70.78	16 17.79
	8	Di	6 19.19	25.77	19 12 47.30	4 22.33	22 23 40.6	7 49.4	70.72	16 17.77
	9	Mi	6 44.96	25.24	19 17 9.63	4 21.80	22 15 51.2	8 15.6	70.65	16 17.75
	10	Do	7 10.20	24.68	19 21 31.43	4 21.23	22 7 35.6	8 41.5	70.57	16 17.72
	11	Fr	7 34.88	24.08	19 25 52.66	4 20.65	21 58 54.1	9 7.2	70.50	16 17.69
	12	Sa	+ 7 58.96	23.48	19 30 13.31	4 20.04	−21 49 46.9	9 32.6	70.42	16 17.65
	13	St	8 22.44	22.84	19 34 33.35	4 19.40	21 40 14.3	9 57.7	70.34	16 17.61
	14	Mo	8 45.28	22.20	19 38 52.75	4 18.75	21 30 16.6	10 22.5	70.25	16 17.56
	15	Di	9 7.48	21.52	19 43 11.50	4 18.08	21 19 54.1	10 47.0	70.17	16 17.51
	16	Mi	9 29.00	20.84	19 47 29.58	4 17.39	21 9 7.1	11 11.3	70.08	16 17.46
	17	Do	9 49.84	20.14	19 51 46.97	4 16.70	20 57 55.8	11 35.2	69.98	16 17.39
	18	Fr	+10 9.98	19.43	19 56 3.67	4 15.99	−20 46 20.6	11 58.9	69.89	16 17.32
	19	Sa	10 29.41	18.70	20 0 19.66	4 15.26	20 34 21.7	12 22.2	69.79	16 17.25
	20	St	10 48.11	17.97	20 4 34.92	4 14.53	20 21 59.5	12 45.1	69.69	16 17.16
	21	Mo	11 6.08	17.23	20 8 49.45	4 13.79	20 9 14.4	13 7.9	69.59	16 17.08
	22	Di	11 23.31	16.48	20 13 3.24	4 13.03	19 56 6.5	13 30.2	69.48	16 16.98
	23	Mi	11 39.79	15.71	20 17 16.27	4 12.27	19 42 36.3	13 52.1	69.38	16 16.89
	24	Do	+11 55.50	14.94	20 21 28.54	4 11.50	−19 28 44.2	14 13.8	69.27	16 16.78
	25	Fr	12 10.44	14.17	20 25 40.04	4 10.72	19 14 30.4	14 35.1	69.16	16 16.66
	26	Sa	12 24.61	13.39	20 29 50.76	4 9.95	18 59 55.3	14 56.1	69.05	16 16.55
	27	St	12 38.00	12.60	20 34 0.71	4 9.15	18 44 59.2	15 16.6	68.93	16 16.43
	28	Mo	12 50.60	11.81	20 38 9.86	4 8.37	18 29 42.6	15 36.7	68.82	16 16.30
	29	Di	13 2.41	11.02	20 42 18.23	4 7.58	18 14 5.9	15 56.6	68.71	16 16.17
	30	Mi	+13 13.43	10.21	20 46 25.81	4 6.77	−17 58 9.3	16 16.0	68.60	16 16.04
	31	Do	13 23.64	9.42	20 50 32.58	4 5.97	17 41 53.3	16 34.9	68.48	16 15.90
Febr.	1	Fr	13 33.06	8.60	20 54 38.55	4 5.16	17 25 18.4	16 53.5	68.37	16 15.75
	2	Sa	13 41.66	7.80	20 58 43.71	4 4.35	17 8 24.9	17 11.7	68.25	16 15.61
	3	St	13 49.46	6.98	21 2 48.06	4 3.54	16 51 13.2	17 29.4	68.13	16 15.46
	4	Mo	13 56.44	6.16	21 6 51.60	4 2.71	16 33 43.8	17 46.6	68.02	16 15.31
	5	Di	+14 2.60	5.33	21 10 54.31	4 1.90	−16 15 57.2	18 3.5	67.90	16 15.16
	6	Mi	14 7.93	4.52	21 14 56.21	4 1.07	15 57 53.7	18 19.8	67.79	16 15.01
	7	Do	14 12.45	3.69	21 18 57.28	4 0.25	15 39 33.9	18 35.8	67.68	16 14.85
	8	Fr	14 16.14	2.88	21 22 57.53	3 59.43	15 20 58.1	18 51.3	67.56	16 14.68
	9	Sa	14 19.02	2.06	21 26 56.96	3 58.62	15 2 6.8	19 6.4	67.45	16 14.52
	10	St	+14 21.08		21 30 55.58		−14 43 0.4		67.34	16 14.35

Tag	Julian. Zeit	Sternzeit	Nutation in AR. langp. Gl.	kurzp. Gl.	Mittleres Äquinoktium 1935.0 Länge	Diff.	Breite	log R	Diff.	Aufgang in {+50° Breite, 0h Länge}	Untergang
1935	2427	h m s	in 0.001 s		° ′ ″	′ ″	in 0.″01			h m	h m
Jan. 0	802.5	6 34 55.645	+902	−18	278 37 36.7	61 10.0	−65	9.992 6913	34	7 59	16 7
1	803.5	6 38 52.204	906	−18	279 38 46.7	61 10.3	−62	9.992 6879	15	7 59	16 8
2	804.5	6 42 48.763	909	−15	280 39 57.0	61 10.6	−57	9.992 6864	3	7 59	16 9
3	805.5	6 46 45.321	912	−10	281 41 7.6	61 10.7	−49	9.992 6867	20	7 59	16 10
4	806.5	6 50 41.880	915	− 2	282 42 18.3	61 10.8	−38	9.992 6887	36	7 58	16 11
5	807.5	6 54 38.438	918	+ 5	283 43 29.1	61 10.8	−25	9.992 6923	52	7 58	16 12
6	808.5	6 58 34.997	+922	+12	284 44 39.9	61 10.5	−12	9.992 6975	67	7 58	16 13
7	809.5	7 2 31.555	925	+15	285 45 50.4	61 10.3	+ 2	9.992 7042	84	7 58	16 14
8	810.5	7 6 28.113	928	+15	286 47 0.7	61 9.9	+16	9.992 7126	100	7 57	16 16
9	811.5	7 10 24.672	931	+12	287 48 10.6	61 9.4	+28	9.992 7226	119	7 57	16 17
10	812.5	7 14 21.230	934	+ 6	288 49 20.0	61 8.8	+38	9.992 7345	139	7 56	16 19
11	813.5	7 18 17.788	936	− 1	289 50 28.8	61 8.3	+45	9.992 7484	160	7 56	16 20
12	814.5	7 22 14.347	+939	− 6	290 51 37.1	61 7.6	+50	9.992 7644	182	7 55	16 21
13	815.5	7 26 10.905	942	− 9	291 52 44.7	61 6.9	+51	9.992 7826	206	7 55	16 23
14	816.5	7 30 7.463	945	−10	292 53 51.6	61 6.3	+49	9.992 8032	231	7 54	16 24
15	817.5	7 34 4.021	947	− 7	293 54 57.9	61 5.5	+45	9.992 8263	256	7 54	16 26
16	818.5	7 38 0.579	950	− 2	294 56 3.4	61 4.9	+37	9.992 8519	283	7 53	16 27
17	819.5	7 41 57.136	952	+ 3	295 57 8.3	61 4.3	+26	9.992 8802	310	7 52	16 28
18	820.5	7 45 53.694	+954	+ 8	296 58 12.6	61 3.6	+14	9.992 9112	336	7 51	16 30
19	821.5	7 49 50.252	957	+12	297 59 16.2	61 2.9	+ 2	9.992 9448	364	7 50	16 31
20	822.5	7 53 46.809	959	+13	299 0 19.1	61 2.4	−11	9.992 9812	390	7 49	16 33
21	823.5	7 57 43.367	961	+13	300 1 21.5	61 1.8	−24	9.993 0202	417	7 48	16 34
22	824.5	8 1 39.924	963	+10	301 2 23.3	61 1.1	−37	9.993 0619	443	7 47	16 36
23	825.5	8 5 36.481	965	+ 6	302 3 24.4	61 0.6	−48	9.993 1062	469	7 46	16 38
24	826.5	8 9 33.039	+967	− 1	303 4 25.0	61 0.0	−58	9.993 1531	493	7 45	16 39
25	827.5	8 13 29.596	969	− 7	304 5 25.0	60 59.4	−65	9.993 2024	517	7 44	16 41
26	828.5	8 17 26.153	970	−13	305 6 24.4	60 58.8	−70	9.993 2541	540	7 43	16 43
27	829.5	8 21 22.710	972	−17	306 7 23.2	60 58.2	−71	9.993 3081	561	7 42	16 45
28	830.5	8 25 19.266	973	−18	307 8 21.4	60 57.6	−70	9.993 3642	581	7 41	16 46
29	831.5	8 29 15.823	975	−17	308 9 19.0	60 56.9	−65	9.993 4223	600	7 39	16 48
30	832.5	8 33 12.380	+976	−13	309 10 15.9	60 56.3	−58	9.993 4823	617	7 38	16 49
31	833.5	8 37 8.936	977	− 6	310 11 12.2	60 55.4	−48	9.993 5440	632	7 37	16 51
Febr. 1	834.5	8 41 5.493	978	+ 1	311 12 7.6	60 54.6	−36	9.993 6072	647	7 36	16 53
2	835.5	8 45 2.049	979	+ 8	312 13 2.2	60 53.7	−22	9.993 6719	659	7 34	16 55
3	836.5	8 48 58.605	980	+13	313 13 55.9	60 52.6	− 8	9.993 7378	671	7 33	16 56
4	837.5	8 52 55.161	981	+14	314 14 48.5	60 51.5	+ 6	9.993 8049	683	7 31	16 58
5	838.5	8 56 51.717	+981	+12	315 15 40.0	60 50.1	+18	9.993 8732	695	7 30	17 0
6	839.5	9 0 48.273	982	+ 7	316 16 30.1	60 48.8	+29	9.993 9427	708	7 28	17 2
7	840.5	9 4 44.829	982	+ 1	317 17 18.9	60 47.3	+38	9.994 0135	721	7 27	17 3
8	841.5	9 8 41.385	983	− 4	318 18 6.2	60 45.8	+45	9.994 0856	736	7 25	17 5
9	842.5	9 12 37.941	983	− 8	319 18 52.0	60 44.1	+48	9.994 1592	751	7 24	17 6
10	843.5	9 16 34.496	+983	− 9	320 19 36.1		+47	9.994 2343		7 22	17 8

Tag	Wochentag	0ʰ Welt-Zeit: Zeitgleichung (Mittlere Zeit *minus* Wahre Zeit) m s	s	Scheinbare Rektaszension h m s	m s	Scheinbare Deklination ° ′ ″	′ ″	Halbe Durchgangs-Dauer St.-Zt. s	Halbmesser ′ ″
1935									
Febr. 10	St	+14 21.08	1.26	21 30 55.58	3 57.81	−14 43 0.4	19 21.0	67.34	16 14.35
11	Mo	14 22.34	0.46	21 34 53.39	3 57.02	14 23 39.4	19 35.3	67.23	16 14.18
12	Di	14 22.80	0.32	21 38 50.41	3 56.23	14 4 4.1	19 49.2	67.12	16 14.00
13	Mi	14 22.48	1.10	21 42 46.64	3 55.46	13 44 14.9	20 2.6	67.01	16 13.82
14	Do	14 21.38	1.86	21 46 42.10	3 54.69	13 24 12.3	20 15.6	66.90	16 13.63
15	Fr	14 19.52	2.61	21 50 36.79	3 53.95	13 3 56.7	20 28.3	66.80	16 13.45
16	Sa	+14 16.91	3.35	21 54 30.74	3 53.21	−12 43 28.4	20 40.5	66.69	16 13.26
17	St	14 13.56	4.06	21 58 23.95	3 52.49	12 22 47.9	20 52.3	66.59	16 13.05
18	Mo	14 9.50	4.77	22 2 16.44	3 51.79	12 1 55.6	21 3.8	66.49	16 12.85
19	Di	14 4.73	5.45	22 6 8.23	3 51.10	11 40 51.8	21 14.9	66.39	16 12.64
20	Mi	13 59.28	6.12	22 9 59.33	3 50.43	11 19 36.9	21 25.6	66.29	16 12.43
21	Do	13 53.16	6.78	22 13 49.76	3 49.78	10 58 11.3	21 35.8	66.19	16 12.22
22	Fr	+13 46.38	7.41	22 17 39.54	3 49.14	−10 36 35.5	21 45.7	66.10	16 11.99
23	Sa	13 38.97	8.03	22 21 28.68	3 48.53	10 14 49.8	21 55.3	66.01	16 11.77
24	St	13 30.94	8.63	22 25 17.21	3 47.92	9 52 54.5	22 4.3	65.92	16 11.54
25	Mo	13 22.31	9.21	22 29 5.13	3 47.34	9 30 50.2	22 13.1	65.83	16 11.31
26	Di	13 13.10	9.77	22 32 52.47	3 46.78	9 8 37.1	22 21.4	65.74	16 11.08
27	Mi	13 3.33	10.32	22 36 39.25	3 46.24	8 46 15.7	22 29.3	65.66	16 10.84
28	Do	+12 53.01	10.85	22 40 25.49	3 45.71	− 8 23 46.4	22 36.8	65.57	16 10.60
März 1	Fr	12 42.16	11.36	22 44 11.20	3 45.19	8 1 9.6	22 43.9	65.49	16 10.36
2	Sa	12 30.80	11.86	22 47 56.39	3 44.69	7 38 25.7	22 50.6	65.42	16 10.11
3	St	12 18.94	12.34	22 51 41.08	3 44.21	7 15 35.1	22 56.9	65.35	16 9.87
4	Mo	12 6.60	12.81	22 55 25.29	3 43.75	6 52 38.2	23 2.7	65.28	16 9.62
5	Di	11 53.79	13.27	22 59 9.04	3 43.29	6 29 35.5	23 8.1	65.21	16 9.37
6	Mi	+11 40.52	13.70	23 2 52.33	3 42.84	− 6 6 27.4	23 13.1	65.14	16 9.13
7	Do	11 26.82	14.13	23 6 35.17	3 42.43	5 43 14.3	23 17.6	65.08	16 8.88
8	Fr	11 12.69	14.54	23 10 17.60	3 42.01	5 19 56.7	23 21.8	65.02	16 8.63
9	Sa	10 58.15	14.94	23 13 59.61	3 41.62	4 56 34.9	23 25.5	64.96	16 8.38
10	St	10 43.21	15.31	23 17 41.23	3 41.25	4 33 9.4	23 28.8	64.91	16 8.12
11	Mo	10 27.90	15.66	23 21 22.48	3 40.89	4 9 40.6	23 31.8	64.85	16 7.87
12	Di	+10 12.24	16.00	23 25 3.37	3 40.55	− 3 46 8.8	23 34.5	64.80	16 7.62
13	Mi	9 56.24	16.31	23 28 43.92	3 40.24	3 22 34.3	23 36.6	64.76	16 7.36
14	Do	9 39.93	16.60	23 32 24.16	3 39.95	2 58 57.7	23 38.5	64.72	16 7.10
15	Fr	9 23.33	16.88	23 36 4.11	3 39.68	2 35 19.2	23 40.0	64.68	16 6.85
16	Sa	9 6.45	17.12	23 39 43.79	3 39.43	2 11 39.2	23 41.2	64.64	16 6.59
17	St	8 49.33	17.35	23 43 23.22	3 39.20	1 47 58.0	23 42.0	64.61	16 6.32
18	Mo	+ 8 31.98	17.56	23 47 2.42	3 39.00	− 1 24 16.0	23 42.5	64.58	16 6.06
19	Di	8 14.42	17.73	23 50 41.42	3 38.82	1 0 33.5	23 42.5	64.55	16 5.79
20	Mi	7 56.69	17.89	23 54 20.24	3 38.66	0 36 51.0	23 42.4	64.53	16 5.52
21	Do	7 38.80	18.02	23 57 58.90	3 38.53	− 0 13 8.6	23 41.8	64.51	16 5.25
22	Fr	7 20.78	18.14	0 1 37.43	3 38.42	+ 0 10 33.2	23 40.9	64.49	16 4.97
23	Sa	+ 7 2.64		0 5 15.85		+ 0 34 14.1		64.47	16 4.69

Tag	Julian. Zeit	Sternzeit	Nutation in AR. langp. Gl.	Nutation in AR. kurzp. Gl.	Mittleres Äquinoktium 1935.0 Länge		Breite	log R		Aufgang	Untergang
	0h Welt-Zeit									in {+50° Breite, 0h Länge}	
1935	2427	h m s	s in 0.001		° ′ ″	′ ″	″ in 0.01			h m	h m
Febr. 10	843.5	9 16 34.496	+983	− 9	320 19 36.1	60 42.6	+47	9.994 2343	768	7 22	17 8
11	844.5	9 20 31.052	983	− 7	321 20 18.7	60 40.9	+42	9.994 3111	786	7 20	17 10
12	845.5	9 24 27.607	983	− 3	322 20 59.6	60 39.3	+35	9.994 3897	805	7 18	17 12
13	846.5	9 28 24.162	983	+ 2	323 21 38.9	60 37.6	+26	9.994 4702	824	7 17	17 13
14	847.5	9 32 20.717	983	+ 7	324 22 16.5	60 36.0	+16	9.994 5526	845	7 15	17 15
15	848.5	9 36 17.272	983	+12	325 22 52.5	60 34.4	+ 4	9.994 6371	864	7 13	17 17
16	849.5	9 40 13.827	+982	+14	326 23 26.9	60 32.7	− 8	9.994 7235	885	7 11	17 19
17	850.5	9 44 10.382	982	+14	327 23 59.6	60 31.2	−22	9.994 8120	905	7 9	17 20
18	851.5	9 48 6.937	981	+12	328 24 30.8	60 29.7	−35	9.994 9025	926	7 8	17 22
19	852.5	9 52 3.492	980	+ 7	329 25 0.5	60 28.1	−47	9.994 9951	946	7 6	17 23
20	853.5	9 56 0.046	980	+ 2	330 25 28.6	60 26.6	−57	9.995 0897	966	7 4	17 25
21	854.5	9 59 56.601	979	− 4	331 25 55.2	60 25.1	−65	9.995 1863	985	7 2	17 27
22	855.5	10 3 53.155	+978	−10	332 26 20.3	60 23.6	−70	9.995 2848	1003	7 0	17 29
23	856.5	10 7 49.710	977	−15	333 26 43.9	60 22.2	−73	9.995 3851	1020	6 58	17 30
24	857.5	10 11 46.264	976	−18	334 27 6.1	60 20.8	−72	9.995 4871	1036	6 56	17 32
25	858.5	10 15 42.818	975	−18	335 27 26.9	60 19.3	−69	9.995 5907	1051	6 54	17 34
26	859.5	10 19 39.372	973	−15	336 27 46.2	60 18.0	−62	9.995 6958	1064	6 52	17 36
27	860.5	10 23 35.926	972	− 9	337 28 4.2	60 16.5	−53	9.995 8022	1076	6 50	17 37
28	861.5	10 27 32.480	+971	− 2	338 28 20.7	60 15.0	−42	9.995 9098	1085	6 48	17 39
März 1	862.5	10 31 29.034	969	+ 5	339 28 35.7	60 13.6	−29	9.996 0183	1093	6 46	17 40
2	863.5	10 35 25.588	968	+10	340 28 49.3	60 12.0	−15	9.996 1276	1099	6 44	17 42
3	864.5	10 39 22.142	966	+13	341 29 1.3	60 10.3	− 1	9.996 2375	1104	6 42	17 44
4	865.5	10 43 18.695	965	+12	342 29 11.6	60 8.6	+13	9.996 3479	1108	6 40	17 45
5	866.5	10 47 15.249	963	+ 8	343 29 20.2	60 6.8	+24	9.996 4587	1111	6 37	17 47
6	867.5	10 51 11.803	+961	+ 2	344 29 27.0	60 4.9	+33	9.996 5698	1114	6 35	17 48
7	868.5	10 55 8.356	959	− 4	345 29 31.9	60 2.8	+39	9.996 6812	1117	6 33	17 50
8	869.5	10 59 4.910	957	− 8	346 29 34.7	60 0.7	+42	9.996 7929	1122	6 31	17 52
9	870.5	11 3 1.463	955	−10	347 29 35.4	59 58.6	+42	9.996 9051	1126	6 29	17 53
10	871.5	11 6 58.016	953	− 8	348 29 34.0	59 56.4	+39	9.997 0177	1132	6 27	17 55
11	872.5	11 10 54.570	952	− 4	349 29 30.4	59 54.2	+34	9.997 1309	1139	6 25	17 56
12	873.5	11 14 51.123	+950	+ 1	350 29 24.6	59 52.0	+25	9.997 2448	1147	6 23	17 58
13	874.5	11 18 47.677	947	+ 7	351 29 16.6	59 49.7	+15	9.997 3595	1155	6 21	18 0
14	875.5	11 22 44.230	945	+11	352 29 6.3	59 47.6	+ 4	9.997 4750	1164	6 19	18 1
15	876.5	11 26 40.783	943	+14	353 28 53.9	59 45.4	− 7	9.997 5914	1174	6 16	18 3
16	877.5	11 30 37.336	941	+15	354 28 39.3	59 43.2	−20	9.997 7088	1184	6 14	18 4
17	878.5	11 34 33.890	939	+13	355 28 22.5	59 41.0	−33	9.997 8272	1194	6 12	18 6
18	879.5	11 38 30.443	+937	+ 9	356 28 3.5	59 39.0	−45	9.997 9466	1204	6 10	18 8
19	880.5	11 42 26.996	935	+ 4	357 27 42.5	59 36.9	−56	9.998 0670	1214	6 8	18 9
20	881.5	11 46 23.549	932	− 2	358 27 19.4	59 34.9	−63	9.998 1884	1225	6 5	18 11
21	882.5	11 50 20.102	930	− 8	359 26 54.3	59 32.9	−68	9.998 3109	1234	6 3	18 12
22	883.5	11 54 16.655	928	−13	0 26 27.2	59 30.9	−70	9.998 4343	1244	6 1	18 14
23	884.5	11 58 13.209	+926	−17	1 25 58.1		−70	9.998 5587		5 59	18 16

Tag	Wochentag	0h Welt-Zeit: Zeitgleichung Mittlere Zeit *minus* Wahre Zeit		Scheinbare Rektaszension		Scheinbare Deklination		Halbe Durchgangs-Dauer St.-Zt.	Halbmesser
1935		m s	s	h m s	m s	° ′ ″	′ ″	s	′ ″
März 23	Sa	+7 2.64	18.22	0 5 15.85	3 38.34	+ 0 34 14.1	23 39.6	64.47	16 4.69
24	St	6 44.42	18.28	0 8 54.19	3 38.27	0 57 53.7	23 38.0	64.46	16 4.42
25	Mo	6 26.14	18.32	0 12 32.46	3 38.23	1 21 31.7	23 36.1	64.45	16 4.14
26	Di	6 7.82	18.34	0 16 10.69	3 38.21	1 45 7.8	23 33.9	64.44	16 3.86
27	Mi	5 49.48	18.33	0 19 48.90	3 38.22	2 8 41.7	23 31.3	64.44	16 3.57
28	Do	5 31.15	18.31	0 23 27.12	3 38.25	2 32 13.0	23 28.2	64.44	16 3.29
29	Fr	+5 12.84	18.26	0 27 5.37	3 38.29	+ 2 55 41.2	23 25.0	64.44	16 3.01
30	Sa	4 54.58	18.20	0 30 43.66	3 38.36	3 19 6.2	23 21.2	64.45	16 2.73
31	St	4 36.38	18.11	0 34 22.02	3 38.44	3 42 27.4	23 17.2	64.46	16 2.45
April 1	Mo	4 18.27	18.02	0 38 0.46	3 38.53	4 5 44.6	23 12.7	64.47	16 2.16
2	Di	4 0.25	17.90	0 41 38.99	3 38.65	4 28 57.3	23 7.8	64.48	16 1.88
3	Mi	3 42.35	17.78	0 45 17.64	3 38.78	4 52 5.1	23 2.6	64.50	16 1.61
4	Do	+3 24.57	17.63	0 48 56.42	3 38.92	+ 5 15 7.7	22 57.1	64.52	16 1.34
5	Fr	3 6.94	17.48	0 52 35.34	3 39.07	5 38 4.8	22 51.0	64.54	16 1.06
6	Sa	2 49.46	17.31	0 56 14.41	3 39.25	6 0 55.8	22 44.8	64.57	16 0.78
7	St	2 32.15	17.12	0 59 53.66	3 39.43	6 23 40.6	22 38.0	64.60	16 0.51
8	Mo	2 15.03	16.92	1 3 33.09	3 39.63	6 46 18.6	22 31.0	64.63	16 0.24
9	Di	1 58.11	16.71	1 7 12.72	3 39.85	7 8 49.6	22 23.6	64.66	15 59.97
10	Mi	+1 41.40	16.46	1 10 52.57	3 40.09	+ 7 31 13.2	22 15.9	64.70	15 59.70
11	Do	1 24.94	16.22	1 14 32.66	3 40.34	7 53 29.1	22 7.8	64.74	15 59.44
12	Fr	1 8.72	15.94	1 18 13.00	3 40.61	8 15 36.9	21 59.4	64.78	15 59.17
13	Sa	0 52.78	15.66	1 21 53.61	3 40.90	8 37 36.3	21 50.8	64.82	15 58.91
14	St	0 37.12	15.35	1 25 34.51	3 41.20	8 59 27.1	21 41.7	64.87	15 58.64
15	Mo	0 21.77	15.03	1 29 15.71	3 41.53	9 21 8.8	21 32.3	64.92	15 58.38
16	Di	+0 6.74	14.68	1 32 57.24	3 41.86	+ 9 42 41.1	21 22.7	64.97	15 58.11
17	Mi	—0 7.94	14.33	1 36 39.10	3 42.23	10 4 3.8	21 12.7	65.02	15 57.84
18	Do	0 22.27	13.96	1 40 21.33	3 42.60	10 25 16.5	21 2.5	65.07	15 57.58
19	Fr	0 36.23	13.56	1 44 3.93	3 42.99	10 46 19.0	20 51.8	65.12	15 57.32
20	Sa	0 49.79	13.15	1 47 46.92	3 43.41	11 7 10.8	20 40.9	65.18	15 57.05
21	St	1 2.94	12.72	1 51 30.33	3 43.83	11 27 51.7	20 29.7	65.24	15 56.79
22	Mo	—1 15.66	12.27	1 55 14.16	3 44.28	+11 48 21.4	20 18.1	65.31	15 56.53
23	Di	1 27.93	11.81	1 58 58.44	3 44.74	12 8 39.5	20 6.3	65.37	15 56.26
24	Mi	1 39.74	11.34	2 2 43.18	3 45.22	12 28 45.8	19 54.0	65.44	15 56.00
25	Do	1 51.08	10.85	2 6 28.40	3 45.71	12 48 39.8	19 41.6	65.51	15 55.74
26	Fr	2 1.93	10.35	2 10 14.11	3 46.21	13 8 21.4	19 28.7	65.58	15 55.48
27	Sa	2 12.28	9.83	2 14 0.32	3 46.72	13 27 50.1	19 15.5	65.65	15 55.23
28	St	—2 22.11	9.31	2 17 47.04	3 47.24	+13 47 5.6	19 2.0	65.72	15 54.97
29	Mo	2 31.42	8.78	2 21 34.28	3 47.78	14 6 7.6	18 48.2	65.80	15 54.72
30	Di	2 40.20	8.24	2 25 22.06	3 48.31	14 24 55.8	18 33.9	65.87	15 54.47
Mai 1	Mi	2 48.44	7.71	2 29 10.37	3 48.84	14 43 29.7	18 19.4	65.95	15 54.22
2	Do	2 56.15	7.17	2 32 59.21	3 49.39	15 1 49.1	18 4.4	66.02	15 53.98
3	Fr	—3 3.32		2 36 48.60		+15 19 53.5		66.10	15 53.74

Tag	Julian. Zeit	Sternzeit	Nutation in AR. langp. Gl.	Nutation in AR. kurzp. Gl.	Mittleres Äquinoktium 1935.0 Länge		Breite	log R		Aufgang	Untergang
	0h Welt-Zeit									in {+50° Breite, 0h Länge}	
1935	2427	h m s	in 0.001 s		° ′ ″	′ ″	in 0.01″			h m	h m
März 23	884.5	11 58 13.209	+926	−17	1 25 58.1	59 29.1	−70	9.998 5587	1252	5 59	18 16
24	885.5	12 2 9.762	924	−17	2 25 27.2	59 27.3	−68	9.998 6839	1260	5 57	18 17
25	886.5	12 6 6.315	921	−15	3 24 54.5	59 25.4	−64	9.998 8099	1266	5 54	18 19
26	887.5	12 10 2.868	919	−10	4 24 19.9	59 23.7	−55	9.998 9365	1270	5 52	18 20
27	888.5	12 13 59.421	917	− 4	5 23 43.6	59 21.9	−44	9.999 0635	1274	5 50	18 22
28	889.5	12 17 55.975	915	+ 3	6 23 5.5	59 20.2	−32	9.999 1909	1276	5 48	18 24
29	890.5	12 21 52.528	+913	+ 9	7 22 25.7	59 18.5	−19	9.999 3185	1275	5 46	18 25
30	891.5	12 25 49.081	911	+12	8 21 44.2	59 16.7	− 7	9.999 4460	1273	5 43	18 27
31	892.5	12 29 45.634	909	+12	9 21 0.9	59 14.9	+ 6	9.999 5733	1269	5 41	18 28
April 1	893.5	12 33 42.188	907	+ 9	10 20 15.8	59 13.1	+19	9.999 7002	1263	5 39	18 30
2	894.5	12 37 38.741	905	+ 3	11 19 28.9	59 11.1	+28	9.999 8265	1257	5 37	18 32
3	895.5	12 41 35.294	903	− 3	12 18 40.0	59 9.1	+34	9.999 9522	1250	5 35	18 33
4	896.5	12 45 31.848	+901	− 8	13 17 49.1	59 7.1	+37	0.000 0772	1243	5 32	18 35
5	897.5	12 49 28.401	899	−10	14 16 56.2	59 4.9	+38	0.000 2015	1234	5 30	18 36
6	898.5	12 53 24.955	897	−10	15 16 1.1	59 2.7	+35	0.000 3249	1228	5 28	18 38
7	899.5	12 57 21.508	895	− 7	16 15 3.8	59 0.4	+30	0.000 4477	1222	5 26	18 40
8	900.5	13 1 18.062	893	− 1	17 14 4.2	58 58.2	+23	0.000 5699	1216	5 24	18 41
9	901.5	13 5 14.615	891	+ 5	18 13 2.4	58 55.9	+13	0.000 6915	1212	5 22	18 43
10	902.5	13 9 11.169	+890	+10	19 11 58.3	58 53.6	+ 1	0.000 8127	1208	5 20	18 44
11	903.5	13 13 7.723	888	+13	20 10 51.9	58 51.3	−12	0.000 9335	1205	5 18	18 46
12	904.5	13 17 4.277	887	+15	21 9 43.2	58 49.1	−24	0.001 0540	1202	5 16	18 48
13	905.5	13 21 0.831	885	+14	22 8 32.3	58 46.9	−36	0.001 1742	1201	5 14	18 49
14	906.5	13 24 57.384	884	+11	23 7 19.2	58 44.6	−48	0.001 2943	1199	5 12	18 51
15	907.5	13 28 53.938	882	+ 6	24 6 3.8	58 42.5	−57	0.001 4142	1198	5 10	18 52
16	908.5	13 32 50.492	+881	+ 1	25 4 46.3	58 40.4	−65	0.001 5340	1197	5 8	18 54
17	909.5	13 36 47.047	880	− 6	26 3 26.7	58 38.4	−71	0.001 6537	1197	5 6	18 55
18	910.5	13 40 43.601	879	−11	27 2 5.1	58 36.3	−75	0.001 7734	1197	5 4	18 57
19	911.5	13 44 40.155	877	−15	28 0 41.4	58 34.5	−76	0.001 8931	1196	5 1	18 58
20	912.5	13 48 36.709	876	−17	28 59 15.9	58 32.5	−73	0.002 0127	1195	4 59	19 0
21	913.5	13 52 33.264	875	−15	29 57 48.4	58 30.8	−67	0.002 1322	1194	4 57	19 1
22	914.5	13 56 29.818	+875	−11	30 56 19.2	58 29.1	−59	0.002 2516	1192	4 55	19 3
23	915.5	14 0 26.373	874	− 5	31 54 48.3	58 27.4	−49	0.002 3708	1188	4 53	19 4
24	916.5	14 4 22.927	873	+ 2	32 53 15.7	58 25.7	−37	0.002 4896	1183	4 52	19 6
25	917.5	14 8 19.482	872	+ 8	33 51 41.4	58 24.3	−24	0.002 6079	1177	4 50	19 7
26	918.5	14 12 16.037	872	+12	34 50 5.7	58 22.7	−11	0.002 7256	1168	4 48	19 9
27	919.5	14 16 12.592	871	+12	35 48 28.4	58 21.1	+ 2	0.002 8424	1158	4 46	19 11
28	920.5	14 20 9.147	+871	+10	36 46 49.5	58 19.7	+15	0.002 9582	1146	4 44	19 12
29	921.5	14 24 5.702	871	+ 4	37 45 9.2	58 18.1	+24	0.003 0728	1133	4 42	19 14
30	922.5	14 28 2.257	870	− 2	38 43 27.3	58 16.5	+31	0.003 1861	1118	4 40	19 15
Mai 1	923.5	14 31 58.812	870	− 7	39 41 43.8	58 14.9	+35	0.003 2979	1102	4 38	19 17
2	924.5	14 35 55.367	870	−11	40 39 58.7	58 13.2	+36	0.003 4081	1086	4 36	19 18
3	925.5	14 39 51.923	+870	−12	41 38 11.9		+34	0.003 5167		4 35	19 20

Tag		Wochentag	0ʰ Welt-Zeit: Zeitgleichung Mittlere Zeit *minus* Wahre Zeit		Scheinbare Rektaszension		Scheinbare Deklination		Halbe Durchgangs-Dauer St.-Zt.	Halbmesser
1935			m s	s	h m s	m s	° ′ ″	′ ″	s	′ ″
Mai	3	Fr	−3 3.32	6.62	2 36 48.60	3 49.94	+15 19 53.5	17 49.2	66.10	15 53.74
	4	Sa	3 9.94	6.08	2 40 38.54	3 50.48	15 37 42.7	17 33.7	66.18	15 53.51
	5	St	3 16.02	5.53	2 44 29.02	3 51.02	15 55 16.4	17 17.8	66.26	15 53.28
	6	Mo	3 21.55	4.98	2 48 20.04	3 51.58	16 12 34.2	17 1.6	66.34	15 53.05
	7	Di	3 26.53	4.43	2 52 11.62	3 52.12	16 29 35.8	16 45.0	66.42	15 52.83
	8	Mi	3 30.96	3.88	2 56 3.74	3 52.68	16 46 20.8	16 28.3	66.51	15 52.61
	9	Do	−3 34.84	3.32	2 59 56.42	3 53.23	+17 2 49.1	16 11.1	66.59	15 52.40
	10	Fr	3 38.16	2.78	3 3 49.65	3 53.78	17 19 0.2	15 53.7	66.67	15 52.18
	11	Sa	3 40.94	2.21	3 7 43.43	3 54.34	17 34 53.9	15 36.0	66.75	15 51.97
	12	St	3 43.15	1.66	3 11 37.77	3 54.90	17 50 29.9	15 18.1	66.83	15 51.76
	13	Mo	3 44.81	1.10	3 15 32.67	3 55.46	18 5 48.0	14 59.8	66.91	15 51.56
	14	Di	3 45.91	0.54	3 19 28.13	3 56.01	18 20 47.8	14 41.3	67.00	15 51.35
	15	Mi	−3 46.45	0.01	3 23 24.14	3 56.57	+18 35 29.1	14 22.5	67.08	15 51.15
	16	Do	3 46.44	0.58	3 27 20.71	3 57.13	18 49 51.6	14 3.4	67.16	15 50.95
	17	Fr	3 45.86	1.13	3 31 17.84	3 57.69	19 3 55.0	13 44.1	67.24	15 50.75
	18	Sa	3 44.73	1.69	3 35 15.53	3 58.25	19 17 39.1	13 24.5	67.32	15 50.56
	19	St	3 43.04	2.25	3 39 13.78	3 58.81	19 31 3.6	13 4.7	67.40	15 50.37
	20	Mo	3 40.79	2.81	3 43 12.59	3 59.36	19 44 8.3	12 44.6	67.48	15 50.18
	21	Di	−3 37.98	3.36	3 47 11.95	3 59.92	+19 56 52.9	12 24.3	67.56	15 49.99
	22	Mi	3 34.62	3.91	3 51 11.87	4 0.47	20 9 17.2	12 3.7	67.63	15 49.81
	23	Do	3 30.71	4.46	3 55 12.34	4 1.01	20 21 20.9	11 42.8	67.71	15 49.62
	24	Fr	3 26.25	5.00	3 59 13.35	4 1.56	20 33 3.7	11 21.8	67.78	15 49.44
	25	Sa	3 21.25	5.53	4 3 14.91	4 2.09	20 44 25.5	11 0.4	67.85	15 49.26
	26	St	3 15.72	6.05	4 7 17.00	4 2.60	20 55 25.9	10 38.9	67.92	15 49.09
	27	Mo	−3 9.67	6.56	4 11 19.60	4 3.12	+21 6 4.8	10 17.1	67.99	15 48.92
	28	Di	3 3.11	7.05	4 15 22.72	4 3.61	21 16 21.9	9 55.0	68.06	15 48.75
	29	Mi	2 56.06	7.53	4 19 26.33	4 4.08	21 26 16.9	9 32.8	68.13	15 48.59
	30	Do	2 48.53	7.99	4 23 30.41	4 4.55	21 35 49.7	9 10.4	68.19	15 48.43
	31	Fr	2 40.54	8.43	4 27 34.96	4 4.99	21 45 0.1	8 47.6	68.25	15 48.28
Juni	1	Sa	2 32.11	8.85	4 31 39.95	4 5.41	21 53 47.7	8 24.8	68.31	15 48.13
	2	St	−2 23.26	9.25	4 35 45.36	4 5.81	+22 2 12.5	8 1.8	68.37	15 47.99
	3	Mo	2 14.01	9.63	4 39 51.17	4 6.18	22 10 14.3	7 38.5	68.43	15 47.85
	4	Di	2 4.38	9.99	4 43 57.35	4 6.55	22 17 52.8	7 15.1	68.48	15 47.72
	5	Mi	1 54.39	10.32	4 48 3.90	4 6.88	22 25 7.9	6 51.6	68.53	15 47.59
	6	Do	1 44.07	10.64	4 52 10.78	4 7.20	22 31 59.5	6 27.9	68.58	15 47.47
	7	Fr	1 33.43	10.94	4 56 17.98	4 7.50	22 38 27.4	6 4.0	68.63	15 47.35
	8	Sa	−1 22.49	11.21	5 0 25.48	4 7.77	+22 44 31.4	5 40.2	68.67	15 47.24
	9	St	1 11.28	11.47	5 4 33.25	4 8.03	22 50 11.6	5 16.1	68.71	15 47.14
	10	Mo	0 59.81	11.70	5 8 41.28	4 8.26	22 55 27.7	4 51.9	68.74	15 47.03
	11	Di	0 48.11	11.92	5 12 49.54	4 8.47	23 0 19.6	4 27.6	68.77	15 46.93
	12	Mi	0 36.19	12.11	5 16 58.01	4 8.67	23 4 47.2	4 3.3	68.80	15 46.83
	13	Do	−0 24.08		5 21 6.68		+23 8 50.5		68.83	15 46.74

Tag	0ʰ Welt-Zeit Julian. Zeit	Sternzeit	Nutation in AR. langp. Gl.	kurzp. Gl.	Mittleres Äquinoktium 1935.0 Länge		Breite	log R		Aufgang in {+50° Breite, 0ʰ Länge}	Untergang
1935	2427	h m s	in 0.001 s		° ′ ″	′ ″	in 0.01″			h m	h m
Mai 3	925.5	14 39 51.923	+870	−12	41 38 11.9	58 11.5	+34	0.003 5167	1068	4 35	19 20
4	926.5	14 43 48.478	870	− 9	42 36 23.4	58 9.7	+29	0.003 6235	1051	4 33	19 21
5	927.5	14 47 45.034	870	− 4	43 34 33.1	58 7.9	+22	0.003 7286	1035	4 32	19 23
6	928.5	14 51 41.589	871	+ 2	44 32 41.0	58 6.0	+12	0.003 8321	1018	4 30	19 24
7	929.5	14 55 38.145	871	+ 8	45 30 47.0	58 4.1	0	0.003 9339	1003	4 28	19 26
8	930.5	14 59 34.701	871	+12	46 28 51.1	58 2.2	−12	0.004 0342	988	4 27	19 27
9	931.5	15 3 31.257	+872	+15	47 26 53.3	58 0.4	−24	0.004 1330	975	4 25	19 29
10	932.5	15 7 27.813	873	+15	48 24 53.7	57 58.5	−36	0.004 2305	961	4 24	19 30
11	933.5	15 11 24.369	873	+12	49 22 52.2	57 56.7	−47	0.004 3266	949	4 22	19 32
12	934.5	15 15 20.925	874	+ 8	50 20 48.9	57 55.0	−57	0.004 4215	938	4 20	19 33
13	935.5	15 19 17.481	875	+ 2	51 18 43.9	57 53.1	−65	0.004 5153	926	4 19	19 35
14	936.5	15 23 14.037	876	− 4	52 16 37.0	57 51.4	−71	0.004 6079	916	4 17	19 36
15	937.5	15 27 10.594	+877	−10	53 14 28.4	57 49.8	−74	0.004 6995	906	4 16	19 38
16	938.5	15 31 7.150	878	−14	54 12 18.2	57 48.1	−73	0.004 7901	897	4 14	19 39
17	939.5	15 35 3.707	879	−16	55 10 6.3	57 46.7	−70	0.004 8798	889	4 13	19 40
18	940.5	15 39 0.263	880	−15	56 7 53.0	57 45.2	−65	0.004 9687	879	4 12	19 42
19	941.5	15 42 56.820	882	−12	57 5 38.2	57 43.8	−58	0.005 0566	871	4 10	19 43
20	942.5	15 46 53.377	883	− 7	58 3 22.0	57 42.6	−48	0.005 1437	862	4 9	19 45
21	943.5	15 50 49.934	+885	0	59 1 4.6	57 41.4	−36	0.005 2299	851	4 8	19 46
22	944.5	15 54 46.491	886	+ 7	59 58 46.0	57 40.3	−23	0.005 3150	841	4 7	19 47
23	945.5	15 58 43.048	888	+12	60 56 26.3	57 39.3	−10	0.005 3991	828	4 6	19 48
24	946.5	16 2 39.605	890	+13	61 54 5.6	57 38.4	+ 3	0.005 4819	813	4 4	19 50
25	947.5	16 6 36.162	891	+12	62 51 44.0	57 37.4	+15	0.005 5632	799	4 3	19 51
26	948.5	16 10 32.719	893	+ 7	63 49 21.4	57 36.5	+26	0.005 6431	781	4 2	19 52
27	949.5	16 14 29.276	+895	+ 1	64 46 57.9	57 35.6	+34	0.005 7212	762	4 1	19 53
28	950.5	16 18 25.834	897	− 6	65 44 33.5	57 34.7	+39	0.005 7974	742	4 0	19 54
29	951.5	16 22 22.391	899	−10	66 42 8.2	57 33.7	+40	0.005 8716	720	3 59	19 56
30	952.5	16 26 18.948	901	−12	67 39 41.9	57 32.9	+38	0.005 9436	698	3 58	19 57
31	953.5	16 30 15.506	903	−10	68 37 14.8	57 31.8	+33	0.006 0134	674	3 57	19 58
Juni 1	954.5	16 34 12.063	905	− 6	69 34 46.6	57 30.8	+26	0.006 0808	650	3 56	19 59
2	955.5	16 38 8.621	+908	− 1	70 32 17.4	57 29.8	+17	0.006 1458	627	3 56	20 0
3	956.5	16 42 5.179	910	+ 6	71 29 47.2	57 28.6	+ 6	0.006 2085	604	3 55	20 1
4	957.5	16 46 1.736	912	+11	72 27 15.8	57 27.5	− 6	0.006 2689	581	3 55	20 2
5	958.5	16 49 58.294	915	+14	73 24 43.3	57 26.5	−19	0.006 3270	559	3 54	20 3
6	959.5	16 53 54.852	917	+15	74 22 9.8	57 25.3	−31	0.006 3829	537	3 53	20 4
7	960.5	16 57 51.410	920	+13	75 19 35.1	57 24.2	−43	0.006 4366	517	3 53	20 5
8	961.5	17 1 47.968	+922	+ 9	76 16 59.3	57 23.0	−53	0.006 4883	497	3 52	20 5
9	962.5	17 5 44.526	925	+ 4	77 14 22.3	57 22.0	−61	0.006 5380	478	3 52	20 6
10	963.5	17 9 41.084	927	− 2	78 11 44.3	57 21.0	−67	0.006 5858	460	3 51	20 7
11	964.5	17 13 37.642	930	− 8	79 9 5.3	57 20.0	−71	0.006 6318	443	3 51	20 8
12	965.5	17 17 34.200	933	−13	80 6 25.3	57 19.0	−72	0.006 6761	426	3 51	20 8
13	966.5	17 21 30.758	+935	−16	81 3 44.3		−70	0.006 7187		3 50	20 9

Tag		Wochentag	0ʰ Welt-Zeit							
			Zeitgleichung Mittlere Zeit *minus* Wahre Zeit		Scheinbare Rektaszension		Scheinbare Deklination		Halbe Durchgangs-Dauer St.-Zt.	Halbmesser
1935			m s	s	h m s	m s	° ′ ″	′ ″	s	′ ″
Juni	13	Do	−0 24.08	12.28	5 21 6.68	4 8.84	+23 8 50.5	3 38.9	68.83	15 46.74
	14	Fr	−0 11.80	12.43	5 25 15.52	4 8.99	23 12 29.4	3 14.3	68.86	15 46.65
	15	Sa	+0 0.63	12.57	5 29 24.51	4 9.13	23 15 43.7	2 49.8	68.88	15 46.56
	16	St	0 13.20	12.69	5 33 33.64	4 9.24	23 18 33.5	2 25.2	68.90	15 46.48
	17	Mo	0 25.89	12.78	5 37 42.88	4 9.34	23 20 58.7	2 0.5	68.91	15 46.40
	18	Di	0 38.67	12.86	5 41 52.22	4 9.42	23 22 59.2	1 35.8	68.93	15 46.32
	19	Mi	+0 51.53	12.93	5 46 1.64	4 9.48	+23 24 35.0	1 11.0	68.94	15 46.25
	20	Do	1 4.46	12.96	5 50 11.12	4 9.52	23 25 46.0	0 46.3	68.94	15 46.18
	21	Fr	1 17.42	12.99	5 54 20.64	4 9.55	23 26 32.3	0 21.4	68.94	15 46.11
	22	Sa	1 30.41	12.99	5 58 30.19	4 9.55	23 26 53.7	0 3.4	68.94	15 46.05
	23	St	1 43.40	12.97	6 2 39.74	4 9.52	23 26 50.3	0 28.2	68.94	15 45.98
	24	Mo	1 56.37	12.92	6 6 49.26	4 9.48	23 26 22.1	0 53.0	68.92	15 45.93
	25	Di	+2 9.29	12.85	6 10 58.74	4 9.41	+23 25 29.1	1 17.9	68.91	15 45.88
	26	Mi	2 22.14	12.75	6 15 8.15	4 9.31	23 24 11.2	1 42.5	68.90	15 45.83
	27	Do	2 34.89	12.63	6 19 17.46	4 9.19	23 22 28.7	2 7.3	68.89	15 45.78
	28	Fr	2 47.52	12.48	6 23 26.65	4 9.04	23 20 21.4	2 32.0	68.87	15 45.75
	29	Sa	3 0.00	12.31	6 27 35.69	4 8.86	23 17 49.4	2 56.5	68.84	15 45.72
	30	St	3 12.31	12.10	6 31 44.55	4 8.66	23 14 52.9	3 21.0	68.82	15 45.69
Juli	1	Mo	+3 24.41	11.87	6 35 53.21	4 8.43	+23 11 31.9	3 45.3	68.79	15 45.67
	2	Di	3 36.28	11.62	6 40 1.64	4 8.18	23 7 46.6	4 9.7	68.75	15 45.65
	3	Mi	3 47.90	11.33	6 44 9.82	4 7.89	23 3 36.9	4 33.8	68.71	15 45.65
	4	Do	3 59.23	11.03	6 48 17.71	4 7.59	22 59 3.1	4 57.9	68.67	15 45.64
	5	Fr	4 10.26	10.70	6 52 25.30	4 7.26	22 54 5.2	5 21.8	68.63	15 45.64
	6	Sa	4 20.96	10.36	6 56 32.56	4 6.91	22 48 43.4	5 45.5	68.59	15 45.65
	7	St	+4 31.32	9.98	7 0 39.47	4 6.54	+22 42 57.9	6 9.1	68.54	15 45.66
	8	Mo	4 41.30	9.59	7 4 46.01	4 6.15	22 36 48.8	6 32.6	68.49	15 45.68
	9	Di	4 50.89	9.19	7 8 52.16	4 5.75	22 30 16.2	6 55.9	68.43	15 45.70
	10	Mi	5 0.08	8.76	7 12 57.91	4 5.31	22 23 20.3	7 19.0	68.38	15 45.73
	11	Do	5 8.84	8.32	7 17 3.22	4 4.88	22 16 1.3	7 42.0	68.32	15 45.76
	12	Fr	5 17.16	7.86	7 21 8.10	4 4.42	22 8 19.3	8 4.7	68.26	15 45.80
	13	Sa	+5 25.02	7.39	7 25 12.52	4 3.94	+22 0 14.6	8 27.3	68.20	15 45.84
	14	St	5 32.41	6.91	7 29 16.46	4 3.47	21 51 47.3	8 49.6	68.14	15 45.88
	15	Mo	5 39.32	6.41	7 33 19.93	4 2.97	21 42 57.7	9 11.9	68.07	15 45.92
	16	Di	5 45.73	5.92	7 37 22.90	4 2.48	21 33 45.8	9 33.9	68.00	15 45.97
	17	Mi	5 51.65	5.41	7 41 25.38	4 1.97	21 24 11.9	9 55.8	67.92	15 46.02
	18	Do	5 57.06	4.90	7 45 27.35	4 1.46	21 14 16.1	10 17.4	67.85	15 46.08
	19	Fr	+6 1.96	4.38	7 49 28.81	4 0.93	+21 3 58.7	10 38.8	67.78	15 46.14
	20	Sa	6 6.34	3.85	7 53 29.74	4 0.41	20 53 19.9	11 0.0	67.70	15 46.19
	21	St	6 10.19	3.32	7 57 30.15	3 59.88	20 42 19.9	11 21.0	67.62	15 46.26
	22	Mo	6 13.51	2.78	8 1 30.03	3 59.33	20 30 58.9	11 41.8	67.54	15 46.32
	23	Di	6 16.29	2.22	8 5 29.36	3 58.78	20 19 17.1	12 2.2	67.46	15 46.39
	24	Mi	+6 18.51		8 9 28.14		+20 7 14.9		67.38	15 46.47

Tag	Julian. Zeit	Sternzeit	Nutation in AR. langp. Gl.	Nutation in AR. kurzp. Gl.	Mittleres Äquinoktium 1935.0 Länge		Breite	log R		Aufgang (in +50° Breite, 0h Länge)	Untergang (in +50° Breite, 0h Länge)
1935	242	h m s	s in 0.001		° ′ ″	′ ″	″ in 0.01			h m	h m
Juni 13	7966.5	17 21 30.758	+ 935	−16	81 3 44.3	57 18.1	−70	0.006 7187	411	3 50	20 9
14	7967.5	17 25 27.316	938	−17	82 1 2.4	57 17.3	−65	0.006 7598	396	3 50	20 9
15	7968.5	17 29 23.874	941	−14	82 58 19.7	57 16.5	−57	0.006 7994	383	3 50	20 10
16	7969.5	17 33 20.432	943	− 9	83 55 36.2	57 15.9	−48	0.006 8377	369	3 50	20 10
17	7970.5	17 37 16.990	946	− 2	84 52 52.1	57 15.3	−37	0.006 8746	356	3 50	20 11
18	7971.5	17 41 13.548	949	+ 5	85 50 7.4	57 14.8	−24	0.006 9102	343	3 50	20 11
19	7972.5	17 45 10.106	+ 952	+10	86 47 22.2	57 14.5	−10	0.006 9445	328	3 50	20 12
20	7973.5	17 49 6.665	955	+13	87 44 36.7	57 14.2	+ 5	0.006 9773	313	3 50	20 12
21	7974.5	17 53 3.223	957	+13	88 41 50.9	57 14.1	+17	0.007 0086	297	3 50	20 12
22	7975.5	17 56 59.781	960	+10	89 39 5.0	57 13.9	+29	0.007 0383	280	3 50	20 12
23	7976.5	18 0 56.339	963	+ 4	90 36 18.9	57 13.8	+38	0.007 0663	260	3 51	20 13
24	7977.5	18 4 52.897	966	− 2	91 33 32.7	57 13.8	+44	0.007 0923	239	3 51	20 13
25	7978.5	18 8 49.455	+ 969	− 8	92 30 46.5	57 13.8	+46	0.007 1162	217	3 51	20 13
26	7979.5	18 12 46.014	971	−11	93 28 0.3	57 13.7	+45	0.007 1379	194	3 51	20 13
27	7980.5	18 16 42.572	974	−10	94 25 14.0	57 13.7	+42	0.007 1573	169	3 52	20 13
28	7981.5	18 20 39.130	977	− 7	95 22 27.7	57 13.7	+36	0.007 1742	144	3 52	20 13
29	7982.5	18 24 35.688	980	− 2	96 19 41.4	57 13.5	+26	0.007 1886	118	3 53	20 13
30	7983.5	18 28 32.246	982	+ 4	97 16 54.9	57 13.5	+14	0.007 2004	92	3 53	20 13
Juli 1	7984.5	18 32 28.804	+ 985	+ 9	98 14 8.4	57 13.3	+ 2	0.007 2096	66	3 54	20 13
2	7985.5	18 36 25.362	988	+13	99 11 21.7	57 13.2	−11	0.007 2162	40	3 55	20 12
3	7986.5	18 40 21.920	990	+15	100 8 34.9	57 12.9	−23	0.007 2202	14	3 55	20 12
4	7987.5	18 44 18.478	993	+13	101 5 47.8	57 12.8	−36	0.007 2216	−10	3 56	20 11
5	7988.5	18 48 15.036	996	+10	102 3 0.6	57 12.6	−47	0.007 2206	34	3 57	20 11
6	7989.5	18 52 11.594	998	+ 5	103 0 13.2	57 12.5	−56	0.007 2172	58	3 58	20 11
7	7990.5	18 56 8.152	+1000	− 1	103 57 25.7	57 12.2	−63	0.007 2114	80	3 59	20 10
8	7991.5	19 0 4.710	1003	− 7	104 54 37.9	57 12.1	−68	0.007 2034	101	3 59	20 10
9	7992.5	19 4 1.268	1006	−12	105 51 50.0	57 12.0	−70	0.007 1933	122	4 0	20 9
10	7993.5	19 7 57.825	1008	−16	106 49 2.0	57 11.9	−69	0.007 1811	142	4 1	20 9
11	7994.5	19 11 54.383	1010	−17	107 46 13.9	57 11.8	−65	0.007 1669	159	4 2	20 8
12	7995.5	19 15 50.941	1013	−16	108 43 25.7	57 11.8	−58	0.007 1510	176	4 3	20 7
13	7996.5	19 19 47.498	+1015	−12	109 40 37.5	57 11.9	−48	0.007 1334	192	4 4	20 7
14	7997.5	19 23 44.056	1017	− 6	110 37 49.4	57 12.0	−37	0.007 1142	207	4 5	20 6
15	7998.5	19 27 40.613	1019	+ 2	111 35 1.4	57 12.2	−24	0.007 0935	221	4 6	20 5
16	7999.5	19 31 37.171	1021	+ 8	112 32 13.6	57 12.6	−10	0.007 0714	234	4 7	20 4
17	8000.5	19 35 33.728	1023	+12	113 29 26.2	57 13.1	+ 4	0.007 0480	248	4 8	20 3
18	8001.5	19 39 30.286	1025	+13	114 26 39.3	57 13.6	+18	0.007 0232	262	4 10	20 2
19	8002.5	19 43 26.843	+1027	+11	115 23 52.9	57 14.2	+30	0.006 9970	277	4 11	20 1
20	8003.5	19 47 23.400	1029	+ 6	116 21 7.1	57 15.0	+39	0.006 9693	292	4 12	20 0
21	8004.5	19 51 19.957	1031	0	117 18 22.1	57 15.8	+46	0.006 9401	310	4 13	19 59
22	8005.5	19 55 16.514	1033	− 6	118 15 37.9	57 16.7	+50	0.006 9091	328	4 14	19 58
23	8006.5	19 59 13.071	1034	− 9	119 12 54.6	57 17.5	+51	0.006 8763	348	4 16	19 56
24	8007.5	20 3 9.628	+1036	−10	120 10 12.1		+48	0.006 8415		4 17	19 55

Tag	Wochentag	0h Welt-Zeit: Zeitgleichung, Mittlere Zeit *minus* Wahre Zeit		Scheinbare Rektaszension		Scheinbare Deklination		Halbe Durchgangs-Dauer St.-Zt.	Halbmesser
1935		m s	s	h m s	m s	° ′ ″	′ ″	s	′ ″
Juli 24	Mi	+6 18.51	1.67	8 9 28.14	3 58.22	+20 7 14.9	12 22.6	67.38	15 46.47
25	Do	6 20.18	1.10	8 13 26.36	3 57.66	19 54 52.3	12 42.5	67.30	15 46.55
26	Fr	6 21.28	0.52	8 17 24.02	3 57.08	19 42 9.8	13 2.3	67.22	15 46.64
27	Sa	6 21.80	0.05	8 21 21.10	3 56.50	19 29 7.5	13 21.7	67.14	15 46.73
28	St	6 21.75	0.65	8 25 17.60	3 55.91	19 15 45.8	13 40.9	67.05	15 46.82
29	Mo	6 21.10	1.25	8 29 13.51	3 55.31	19 2 4.9	13 59.8	66.97	15 46.93
30	Di	+6 19.85	1.85	8 33 8.82	3 54.70	+18 48 5.1	14 18.3	66.88	15 47.03
31	Mi	6 18.00	2.46	8 37 3.52	3 54.10	18 33 46.8	14 36.6	66.79	15 47.14
Aug. 1	Do	6 15.54	3.07	8 40 57.62	3 53.49	18 19 10.2	14 54.6	66.71	15 47.26
2	Fr	6 12.47	3.68	8 44 51.11	3 52.87	18 4 15.6	15 12.3	66.62	15 47.38
3	Sa	6 8.79	4.30	8 48 43.98	3 52.25	17 49 3.3	15 29.6	66.53	15 47.50
4	St	6 4.49	4.92	8 52 36.23	3 51.64	17 33 33.7	15 46.7	66.45	15 47.64
5	Mo	+5 59.57	5.54	8 56 27.87	3 51.02	+17 17 47.0	16 3.4	66.36	15 47.77
6	Di	5 54.03	6.15	9 0 18.89	3 50.41	17 1 43.6	16 19.8	66.27	15 47.91
7	Mi	5 47.88	6.76	9 4 9.30	3 49.80	16 45 23.8	16 36.0	66.19	15 48.06
8	Do	5 41.12	7.37	9 7 59.10	3 49.18	16 28 47.8	16 51.9	66.10	15 48.21
9	Fr	5 33.75	7.97	9 11 48.28	3 48.58	16 11 55.9	17 7.3	66.01	15 48.37
10	Sa	5 25.78	8.57	9 15 36.86	3 47.99	15 54 48.6	17 22.6	65.93	15 48.52
11	St	+5 17.21	9.16	9 19 24.85	3 47.40	+15 37 26.0	17 37.5	65.84	15 48.68
12	Mo	5 8.05	9.74	9 23 12.25	3 46.82	15 19 48.5	17 52.2	65.76	15 48.84
13	Di	4 58.31	10.30	9 26 59.07	3 46.25	15 1 56.3	18 6.5	65.68	15 49.01
14	Mi	4 48.01	10.85	9 30 45.32	3 45.70	14 43 49.8	18 20.6	65.60	15 49.17
15	Do	4 37.16	11.40	9 34 31.02	3 45.16	14 25 29.2	18 34.4	65.52	15 49.34
16	Fr	4 25.76	11.92	9 38 16.18	3 44.63	14 6 54.8	18 47.9	65.44	15 49.52
17	Sa	+4 13.84	12.43	9 42 0.81	3 44.13	+13 48 6.9	19 1.2	65.36	15 49.69
18	St	4 1.41	12.93	9 45 44.94	3 43.63	13 29 5.7	19 14.1	65.29	15 49.87
19	Mo	3 48.48	13.41	9 49 28.57	3 43.14	13 9 51.6	19 26.8	65.21	15 50.05
20	Di	3 35.07	13.88	9 53 11.71	3 42.67	12 50 24.8	19 39.1	65.14	15 50.23
21	Mi	3 21.19	14.34	9 56 54.38	3 42.22	12 30 45.7	19 51.1	65.07	15 50.41
22	Do	3 6.85	14.78	10 0 36.60	3 41.77	12 10 54.6	20 2.8	65.00	15 50.59
23	Fr	+2 52.07	15.22	10 4 18.37	3 41.33	+11 50 51.8	20 14.2	64.94	15 50.79
24	Sa	2 36.85	15.65	10 7 59.70	3 40.90	11 30 37.6	20 25.3	64.87	15 50.98
25	St	2 21.20	16.06	10 11 40.60	3 40.50	11 10 12.3	20 35.9	64.81	15 51.18
26	Mo	2 5.14	16.46	10 15 21.10	3 40.09	10 49 36.4	20 46.3	64.75	15 51.38
27	Di	1 48.68	16.86	10 19 1.19	3 39.70	10 28 50.1	20 56.3	64.69	15 51.59
28	Mi	1 31.82	17.23	10 22 40.89	3 39.33	10 7 53.8	21 6.0	64.63	15 51.80
29	Do	+1 14.59	17.59	10 26 20.22	3 38.96	+ 9 46 47.8	21 15.3	64.57	15 52.02
30	Fr	0 57.00	17.95	10 29 59.18	3 38.60	9 25 32.5	21 24.3	64.52	15 52.24
31	Sa	0 39.05	18.29	10 33 37.78	3 38.27	9 4 8.2	21 32.9	64.46	15 52.46
Sept. 1	St	0 20.76	18.61	10 37 16.05	3 37.94	8 42 35.3	21 41.2	64.41	15 52.68
2	Mo	+0 2.15	18.92	10 40 53.99	3 37.63	8 20 54.1	21 49.2	64.37	15 52.91
3	Di	−0 16.77		10 44 31.62		+ 7 59 4.9		64.33	15 53.14

Tag	0h Welt-Zeit Julian. Zeit	Sternzeit	Nutation in AR. langp. Gl.	kurzp. Gl.	Mittleres Äquinoktium 1935.0 Länge	Diff.	Breite	log R	Diff.	Aufgang in {+50° Breite, 0h Länge	Untergang
1935	2428	h m s	in 0.001 s		° ′ ″	′ ″	″ in 0.01			h m	h m
Juli 24	007.5	20 3 9.628	+1036	−10	120 10 12.1	57 18.5	+48	0.006 8415	369	4 17	19 55
25	008.5	20 7 6.185	1037	− 8	121 7 30.6	57 19.3	+41	0.006 8046	391	4 18	19 54
26	009.5	20 11 2.742	1039	− 3	122 4 49.9	57 20.2	+32	0.006 7655	414	4 19	19 53
27	010.5	20 14 59.298	1040	+ 2	123 2 10.1	57 21.2	+21	0.006 7241	438	4 21	19 51
28	011.5	20 18 55.855	1041	+ 9	123 59 31.3	57 22.0	+ 9	0.006 6803	463	4 22	19 50
29	012.5	20 22 52.412	1042	+13	124 56 53.3	57 22.8	− 3	0.006 6340	486	4 24	19 48
30	013.5	20 26 48.968	+1044	+15	125 54 16.1	57 23.6	−16	0.006 5854	511	4 25	19 47
31	014.5	20 30 45.525	1045	+14	126 51 39.7	57 24.4	−29	0.006 5343	535	4 26	19 46
Aug. 1	015.5	20 34 42.081	1046	+12	127 49 4.1	57 25.2	−41	0.006 4808	559	4 28	19 44
2	016.5	20 38 38.637	1047	+ 7	128 46 29.3	57 25.9	−50	0.006 4249	581	4 29	19 43
3	017.5	20 42 35.193	1047	+ 1	129 43 55.2	57 26.7	−57	0.006 3668	604	4 31	19 41
4	018.5	20 46 31.749	1048	− 5	130 41 21.9	57 27.4	−62	0.006 3064	626	4 32	19 40
5	019.5	20 50 28.305	+1049	−10	131 38 49.3	57 28.2	−65	0.006 2438	646	4 33	19 38
6	020.5	20 54 24.861	1049	−15	132 36 17.5	57 29.0	−64	0.006 1792	666	4 35	19 36
7	021.5	20 58 21.417	1050	−17	133 33 46.5	57 29.7	−61	0.006 1126	684	4 36	19 35
8	022.5	21 2 17.973	1050	−17	134 31 16.2	57 30.4	−56	0.006 0442	702	4 38	19 33
9	023.5	21 6 14.528	1050	−14	135 28 46.6	57 31.3	−47	0.005 9740	717	4 39	19 31
10	024.5	21 10 11.084	1050	− 9	136 26 17.9	57 32.2	−36	0.005 9023	731	4 40	19 29
11	025.5	21 14 7.639	+1051	− 2	137 23 50.1	57 33.0	−23	0.005 8292	744	4 42	19 27
12	026.5	21 18 4.195	1051	+ 5	138 21 23.1	57 34.0	− 9	0.005 7548	755	4 43	19 26
13	027.5	21 22 0.750	1050	+10	139 18 57.1	57 35.1	+ 6	0.005 6793	766	4 45	19 24
14	028.5	21 25 57.305	1050	+12	140 16 32.2	57 36.3	+19	0.005 6027	775	4 46	19 22
15	029.5	21 29 53.860	1050	+11	141 14 8.5	57 37.6	+31	0.005 5252	785	4 48	19 20
16	030.5	21 33 50.415	1050	+ 7	142 11 46.1	57 38.9	+41	0.005 4467	794	4 49	19 18
17	031.5	21 37 46.970	+1049	+ 2	143 9 25.0	57 40.5	+50	0.005 3673	805	4 51	19 17
18	032.5	21 41 43.525	1049	− 4	144 7 5.5	57 42.0	+55	0.005 2868	815	4 52	19 15
19	033.5	21 45 40.080	1048	− 8	145 4 47.5	57 43.6	+56	0.005 2053	828	4 54	19 13
20	034.5	21 49 36.635	1048	−10	146 2 31.1	57 45.3	+55	0.005 1225	842	4 55	19 11
21	035.5	21 53 33.190	1047	− 9	147 0 16.4	57 47.1	+51	0.005 0383	856	4 57	19 9
22	036.5	21 57 29.744	1046	− 4	147 58 3.5	57 48.7	+44	0.004 9527	871	4 58	19 7
23	037.5	22 1 26.299	+1045	+ 1	148 55 52.2	57 50.4	+34	0.004 8656	888	5 0	19 5
24	038.5	22 5 22.853	1044	+ 7	149 53 42.6	57 52.2	+22	0.004 7768	906	5 1	19 3
25	039.5	22 9 19.407	1043	+12	150 51 34.8	57 53.8	+ 9	0.004 6862	924	5 2	19 1
26	040.5	22 13 15.962	1042	+15	151 49 28.6	57 55.5	− 3	0.004 5938	943	5 4	18 59
27	041.5	22 17 12.516	1041	+15	152 47 24.1	57 57.1	−14	0.004 4995	960	5 5	18 57
28	042.5	22 21 9.070	1040	+13	153 45 21.2	57 58.7	−25	0.004 4035	979	5 7	18 55
29	043.5	22 25 5.624	+1038	+ 9	154 43 19.9	58 0.3	−35	0.004 3056	997	5 8	18 53
30	044.5	22 29 2.178	1037	+ 4	155 41 20.2	58 1.9	−44	0.004 2059	1015	5 10	18 51
31	045.5	22 32 58.732	1036	− 2	156 39 22.1	58 3.4	−49	0.004 1044	1033	5 11	18 49
Sept. 1	046.5	22 36 55.286	1034	− 9	157 37 25.5	58 4.9	−51	0.004 0011	1049	5 13	18 46
2	047.5	22 40 51.839	1032	−13	158 35 30.4	58 6.4	−52	0.003 8962	1064	5 14	18 44
3	048.5	22 44 48.393	+1031	−17	159 33 36.8		−50	0.003 7898		5 16	18 42

Tag	Wochentag	Zeitgleichung Mittlere Zeit *minus* Wahre Zeit		Scheinbare Rektaszension		Scheinbare Deklination		Halbe Durchgangs-Dauer St.-Zt.	Halbmesser
		0ʰ Welt-Zeit							
1935		m s	s	h m s	m s	° ′ ″	′ ″	s	′ ″
Sept. 3	Di	— 0 16.77	19.22	10 44 31.62	3 37.34	+7 59 4.9	21 56.8	64.33	15 53.14
4	Mi	0 35.99	19.50	10 48 8.96	3 37.05	7 37 8.1	22 4.1	64.29	15 53.38
5	Do	0 55.49	19.76	10 51 46.01	3 36.79	7 15 4.0	22 11.1	64.25	15 53.62
6	Fr	1 15.25	20.01	10 55 22.80	3 36.55	6 52 52.9	22 17.7	64.21	15 53.86
7	Sa	1 35.26	20.24	10 58 59.35	3 36.31	6 30 35.2	22 24.0	64.18	15 54.11
8	St	1 55.50	20.45	11 2 35.66	3 36.10	6 8 11.2	22 30.0	64.15	15 54.36
9	Mo	— 2 15.95	20.64	11 6 11.76	3 35.91	+5 45 41.2	22 35.7	64.13	15 54.61
10	Di	2 36.59	20.82	11 9 47.67	3 35.74	5 23 5.5	22 41.1	64.10	15 54.86
11	Mi	2 57.41	20.96	11 13 23.41	3 35.60	5 0 24.4	22 46.1	64.08	15 55.11
12	Do	3 18.37	21.08	11 16 59.01	3 35.47	4 37 38.3	22 50.9	64.06	15 55.36
13	Fr	3 39.45	21.18	11 20 34.48	3 35.37	4 14 47.4	22 55.4	64.04	15 55.61
14	Sa	4 0.63	21.25	11 24 9.85	3 35.30	3 51 52.0	22 59.6	64.03	15 55.87
15	St	— 4 21.88	21.31	11 27 45.15	3 35.25	+3 28 52.4	23 3.6	64.02	15 56.12
16	Mo	4 43.19	21.33	11 31 20.40	3 35.22	3 5 48.8	23 7.1	64.01	15 56.37
17	Di	5 4.52	21.34	11 34 55.62	3 35.21	2 42 41.7	23 10.4	64.01	15 56.63
18	Mi	5 25.86	21.32	11 38 30.83	3 35.24	2 19 31.3	23 13.3	64.01	15 56.88
19	Do	5 47.18	21.28	11 42 6.07	3 35.27	1 56 18.0	23 15.9	64.01	15 57.14
20	Fr	6 8.46	21.23	11 45 41.34	3 35.33	1 33 2.1	23 18.2	64.01	15 57.40
21	Sa	— 6 29.69	21.15	11 49 16.67	3 35.40	+1 9 43.9	23 20.2	64.02	15 57.65
22	St	6 50.84	21.05	11 52 52.07	3 35.50	0 46 23.7	23 21.6	64.03	15 57.91
23	Mo	7 11.89	20.94	11 56 27.57	3 35.61	+0 23 2.1	23 22.9	64.04	15 58.18
24	Di	7 32.83	20.81	12 0 3.18	3 35.75	—0 0 20.8	23 23.7	64.06	15 58.45
25	Mi	7 53.64	20.65	12 3 38.93	3 35.89	0 23 44.5	23 24.2	64.08	15 58.72
26	Do	8 14.29	20.49	12 7 14.82	3 36.07	0 47 8.7	23 24.3	64.10	15 58.98
27	Fr	— 8 34.78	20.30	12 10 50.89	3 36.25	—1 10 33.0	23 24.0	64.13	15 59.25
28	Sa	8 55.08	20.10	12 14 27.14	3 36.46	1 33 57.0	23 23.4	64.16	15 59.53
29	St	9 15.18	19.88	12 18 3.60	3 36.67	1 57 20.4	23 22.5	64.19	15 59.80
30	Mo	9 35.06	19.64	12 21 40.27	3 36.92	2 20 42.9	23 21.0	64.22	16 0.08
Okt. 1	Di	9 54.70	19.38	12 25 17.19	3 37.17	2 44 3.9	23 19.4	64.26	16 0.35
2	Mi	10 14.08	19.10	12 28 54.36	3 37.45	3 7 23.3	23 17.2	64.31	16 0.63
3	Do	—10 33.18	18.82	12 32 31.81	3 37.74	—3 30 40.5	23 14.8	64.35	16 0.92
4	Fr	10 52.00	18.50	12 36 9.55	3 38.04	3 53 55.3	23 11.9	64.40	16 1.20
5	Sa	11 10.50	18.18	12 39 47.59	3 38.38	4 17 7.2	23 8.8	64.45	16 1.49
6	St	11 28.68	17.83	12 43 25.97	3 38.73	4 40 16.0	23 5.2	64.50	16 1.77
7	Mo	11 46.51	17.46	12 47 4.70	3 39.09	5 3 21.2	23 1.3	64.55	16 2.05
8	Di	12 3.97	17.07	12 50 43.79	3 39.48	5 26 22.5	22 57.0	64.61	16 2.34
9	Mi	—12 21.04	16.66	12 54 23.27	3 39.89	—5 49 19.5	22 52.5	64.67	16 2.62
10	Do	12 37.70	16.23	12 58 3.16	3 40.33	6 12 12.0	22 47.5	64.73	16 2.90
11	Fr	12 53.93	15.77	13 1 43.49	3 40.78	6 34 59.5	22 42.3	64.80	16 3.18
12	Sa	13 9.70	15.29	13 5 24.27	3 41.26	6 57 41.8	22 36.7	64.87	16 3.46
13	St	13 24.99	14.79	13 9 5.53	3 41.77	7 20 18.5	22 30.8	64.95	16 3.74
14	Mo	—13 39.78		13 12 47.30		—7 42 49.3		65.02	16 4.01

Tag	Julian. Zeit	Sternzeit	Nutation in AR. langp. Gl.	Nutation in AR. kurzp. Gl.	Mittleres Äquinoktium 1935.0 Länge	Diff.	Breite	log R	Diff.	Aufgang in (+50° Breite, 0h Länge)	Untergang in (+50° Breite, 0h Länge)
1935	2428	h m s	in 0.001		° ′ ″	′ ″	″ in 0.01			h m	h m
Sept. 3	048.5	22 44 48.393	+1031	−17	159 33 36.8	58 7.9	−50	0.003 7898	1080	5 16	18 42
4	049.5	22 48 44.947	1029	−17	160 31 44.7	58 9.3	−44	0.003 6818	1093	5 18	18 40
5	050.5	22 52 41.500	1027	−15	161 29 54.0	58 10.8	−36	0.003 5725	1105	5 19	18 38
6	051.5	22 56 38.054	1026	−10	162 28 4.8	58 12.3	−25	0.003 4620	1116	5 21	18 35
7	052.5	23 0 34.607	1024	− 4	163 26 17.1	58 13.7	−13	0.003 3504	1126	5 22	18 33
8	053.5	23 4 31.161	1022	+ 2	164 24 30.8	58 15.1	+ 1	0.003 2378	1133	5 24	18 31
9	054.5	23 8 27.714	+1020	+ 7	165 22 45.9	58 16.8	+14	0.003 1245	1138	5 25	18 29
10	055.5	23 12 24.267	1018	+10	166 21 2.7	58 18.3	+28	0.003 0107	1143	5 27	18 27
11	056.5	23 16 20.821	1016	+10	167 19 21.0	58 20.0	+41	0.002 8964	1146	5 28	18 25
12	057.5	23 20 17.374	1014	+ 8	168 17 41.0	58 21.8	+53	0.002 7818	1148	5 30	18 23
13	058.5	23 24 13.927	1012	+ 2	169 16 2.8	58 23.7	+62	0.002 6670	1150	5 31	18 21
14	059.5	23 28 10.481	1009	− 3	170 14 26.5	58 25.6	+68	0.002 5520	1151	5 32	18 19
15	060.5	23 32 7.034	+1007	− 8	171 12 52.1	58 27.6	+71	0.002 4369	1153	5 34	18 17
16	061.5	23 36 3.587	1005	−10	172 11 19.7	58 29.8	+70	0.002 3216	1156	5 35	18 14
17	062.5	23 40 0.140	1003	− 9	173 9 49.5	58 31.9	+66	0.002 2060	1159	5 37	18 12
18	063.5	23 43 56.693	1000	− 6	174 8 21.4	58 34.2	+60	0.002 0901	1164	5 38	18 10
19	064.5	23 47 53.246	998	0	175 6 55.6	58 36.4	+51	0.001 9737	1169	5 40	18 8
20	065.5	23 51 49.799	996	+ 6	176 5 32.0	58 38.7	+41	0.001 8568	1177	5 41	18 5
21	066.5	23 55 46.352	+ 993	+12	177 4 10.7	58 40.8	+29	0.001 7391	1184	5 43	18 3
22	067.5	23 59 42.905	991	+15	178 2 51.5	58 43.1	+17	0.001 6207	1191	5 44	18 0
23	068.5	0 3 39.458	989	+17	179 1 34.6	58 45.2	+ 6	0.001 5016	1201	5 46	17 58
24	069.5	0 7 36.011	986	+15	180 0 19.8	58 47.4	− 4	0.001 3815	1209	5 48	17 56
25	070.5	0 11 32.564	984	+11	180 59 7.2	58 49.5	−14	0.001 2606	1219	5 49	17 54
26	071.5	0 15 29.117	982	+ 6	181 57 56.7	58 51.6	−21	0.001 1387	1227	5 51	17 51
27	072.5	0 19 25.670	+ 979	0	182 56 48.3	58 53.7	−26	0.001 0160	1237	5 52	17 49
28	073.5	0 23 22.223	977	− 6	183 55 42.0	58 55.6	−28	0.000 8923	1245	5 54	17 47
29	074.5	0 27 18.776	975	−11	184 54 37.6	58 57.6	−28	0.000 7678	1254	5 55	17 45
30	075.5	0 31 15.329	972	−15	185 53 35.2	58 59.6	−25	0.000 6424	1261	5 57	17 43
Okt. 1	076.5	0 35 11.882	970	−16	186 52 34.8	59 1.4	−20	0.000 5163	1267	5 58	17 40
2	077.5	0 39 8.435	968	−15	187 51 36.2	59 3.2	−12	0.000 3896	1274	6 0	17 38
3	078.5	0 43 4.989	+ 965	−12	188 50 39.4	59 5.1	− 2	0.000 2622	1278	6 1	17 36
4	079.5	0 47 1.542	963	− 6	189 49 44.5	59 6.8	+10	0.000 1344	1281	6 3	17 34
5	080.5	0 50 58.095	961	0	190 48 51.3	59 8.5	+24	0.000 0063	1283	6 4	17 32
6	081.5	0 54 54.648	959	+ 6	191 47 59.8	59 10.4	+39	9.999 8780	1282	6 6	17 30
7	082.5	0 58 51.201	957	+ 9	192 47 10.2	59 12.0	+53	9.999 7498	1280	6 7	17 28
8	083.5	1 2 47.755	955	+10	193 46 22.2	59 13.9	+67	9.999 6218	1277	6 9	17 26
9	084.5	1 6 44.308	+ 953	+ 8	194 45 36.1	59 15.7	+78	9.999 4941	1271	6 11	17 24
10	085.5	1 10 40.861	951	+ 3	195 44 51.8	59 17.5	+88	9.999 3670	1264	6 12	17 22
11	086.5	1 14 37.415	949	− 2	196 44 9.3	59 19.5	+94	9.999 2406	1256	6 14	17 19
12	087.5	1 18 33.968	947	− 8	197 43 28.8	59 21.6	+97	9.999 1150	1247	6 15	17 17
13	088.5	1 22 30.522	945	−11	198 42 50.4	59 23.6	+97	9.998 9903	1238	6 17	17 15
14	089.5	1 26 27.075	+ 943	−11	199 42 14.0		+94	9.998 8665		6 19	17 13

0h Welt-Zeit

Sonne 1935

Tag	Wochentag	0h Welt-Zeit: Zeitgleichung Mittlere Zeit *minus* Wahre Zeit		Scheinbare Rektaszension		Scheinbare Deklination		Halbe Durchgangs-Dauer St.-Zt.	Halbmesser
1935		m s	s	h m s	m s	° ′ ″	′ ″	s	′ ″
Okt. 14	Mo	−13 39.78	14.26	13 12 47.30	3 42.29	− 7 42 49.3	22 24.4	65.02	16 4.01
15	Di	13 54.04	13.70	13 16 29.59	3 42.85	8 5 13.7	22 17.7	65.10	16 4.28
16	Mi	14 7.74	13.14	13 20 12.44	3 43.42	8 27 31.4	22 10.7	65.18	16 4.55
17	Do	14 20.88	12.54	13 23 55.86	3 44.01	8 49 42.1	22 3.4	65.26	16 4.83
18	Fr	14 33.42	11.94	13 27 39.87	3 44.62	9 11 45.5	21 55.5	65.35	16 5.10
19	Sa	14 45.36	11.31	13 31 24.49	3 45.24	9 33 41.0	21 47.3	65.43	16 5.36
20	St	−14 56.67	10.66	13 35 9.73	3 45.89	− 9 55 28.3	21 38.7	65.52	16 5.63
21	Mo	15 7.33	10.01	13 38 55.62	3 46.55	10 17 7.0	21 29.7	65.62	16 5.90
22	Di	15 17.34	9.33	13 42 42.17	3 47.22	10 38 36.7	21 20.3	65.71	16 6.16
23	Mi	15 26.67	8.65	13 46 29.39	3 47.90	10 59 57.0	21 10.5	65.81	16 6.42
24	Do	15 35.32	7.95	13 50 17.29	3 48.61	11 21 7.5	21 0.2	65.91	16 6.69
25	Fr	15 43.27	7.24	13 54 5.90	3 49.31	11 42 7.7	20 49.6	66.01	16 6.95
26	Sa	−15 50.51	6.52	13 57 55.21	3 50.04	−12 2 57.3	20 38.5	66.11	16 7.21
27	St	15 57.03	5.78	14 1 45.25	3 50.77	12 23 35.8	20 27.0	66.22	16 7.48
28	Mo	16 2.81	5.04	14 5 36.02	3 51.52	12 44 2.8	20 15.2	66.32	16 7.74
29	Di	16 7.85	4.29	14 9 27.54	3 52.26	13 4 18.0	20 2.8	66.43	16 8.00
30	Mi	16 12.14	3.54	14 13 19.80	3 53.02	13 24 20.8	19 50.0	66.54	16 8.26
31	Do	16 15.68	2.76	14 17 12.82	3 53.79	13 44 10.8	19 36.9	66.65	16 8.52
Nov. 1	Fr	−16 18.44	1.99	14 21 6.61	3 54.56	−14 3 47.7	19 23.4	66.77	16 8.78
2	Sa	16 20.43	1.22	14 25 1.17	3 55.34	14 23 11.1	19 9.3	66.88	16 9.04
3	St	16 21.65	0.42	14 28 56.51	3 56.13	14 42 20.4	18 55.0	66.99	16 9.29
4	Mo	16 22.07	0.36	14 32 52.64	3 56.92	15 1 15.4	18 40.2	67.11	16 9.55
5	Di	16 21.71	1.17	14 36 49.56	3 57.73	15 19 55.6	18 25.0	67.23	16 9.80
6	Mi	16 20.54	1.98	14 40 47.29	3 58.53	15 38 20.6	18 9.4	67.34	16 10.05
7	Do	−16 18.56	2.79	14 44 45.82	3 59.35	−15 56 30.0	17 53.5	67.46	16 10.30
8	Fr	16 15.77	3.62	14 48 45.17	4 0.18	16 14 23.5	17 37.2	67.58	16 10.54
9	Sa	16 12.15	4.46	14 52 45.35	4 1.01	16 32 0.7	17 20.4	67.70	16 10.78
10	St	16 7.69	5.29	14 56 46.36	4 1.85	16 49 21.1	17 3.3	67.82	16 11.02
11	Mo	16 2.40	6.15	15 0 48.21	4 2.70	17 6 24.4	16 45.8	67.94	16 11.25
12	Di	15 56.25	7.00	15 4 50.91	4 3.56	17 23 10.2	16 27.9	68.06	16 11.47
13	Mi	−15 49.25	7.86	15 8 54.47	4 4.41	−17 39 38.1	16 9.7	68.18	16 11.70
14	Do	15 41.39	8.72	15 12 58.88	4 5.28	17 55 47.8	15 51.1	68.30	16 11.92
15	Fr	15 32.67	9.59	15 17 4.16	4 6.14	18 11 38.9	15 31.9	68.42	16 12.13
16	Sa	15 23.08	10.45	15 21 10.30	4 7.01	18 27 10.8	15 12.5	68.54	16 12.34
17	St	15 12.63	11.31	15 25 17.31	4 7.87	18 42 23.3	14 52.7	68.65	16 12.55
18	Mo	15 1.32	12.16	15 29 25.18	4 8.72	18 57 16.0	14 32.5	68.77	16 12.75
19	Di	−14 49.16	13.01	15 33 33.90	4 9.56	−19 11 48.5	14 11.8	68.88	16 12.95
20	Mi	14 36.15	13.85	15 37 43.46	4 10.41	19 26 0.3	13 50.8	69.00	16 13.15
21	Do	14 22.30	14.68	15 41 53.87	4 11.24	19 39 51.1	13 29.4	69.11	16 13.35
22	Fr	14 7.62	15.50	15 46 5.11	4 12.06	19 53 20.5	13 7.7	69.22	16 13.54
23	Sa	13 52.12	16.31	15 50 17.17	4 12.86	20 6 28.2	12 45.5	69.33	16 13.72
24	St	−13 35.81		15 54 30.03		−20 19 13.7		69.44	16 13.91

Tag	Julian. Zeit	Sternzeit	Nutation in AR. langp. Gl.	kurzp. Gl.	Mittleres Äquinoktium 1935.0 Länge		Breite	log R		Aufgang in {+50° Breite, 0h Länge	Untergang
1935	2428	h m s	in 0.001 s		° ′ ″	′ ″	in 0.″01			h m	h m
Okt. 14	089.5	1 26 27.075	+943	−11	199 42 14.0	59 25.8	+ 94	9.998 8665	1230	6 19	17 13
15	090.5	1 30 23.629	941	− 8	200 41 39.8	59 28.1	+ 88	9.998 7435	1221	6 20	17 11
16	091.5	1 34 20.182	940	− 2	201 41 7.9	59 30.4	+ 81	9.998 6214	1214	6 22	17 9
17	092.5	1 38 16.736	938	+ 4	202 40 38.3	59 32.6	+ 70	9.998 5000	1207	6 23	17 7
18	093.5	1 42 13.290	937	+10	203 40 10.9	59 35.0	+ 58	9.998 3793	1202	6 25	17 5
19	094.5	1 46 9.844	935	+15	204 39 45.9	59 37.2	+ 47	9.998 2591	1198	6 27	17 3
20	095.5	1 50 6.398	+934	+17	205 39 23.1	59 39.6	+ 36	9.998 1393	1193	6 28	17 1
21	096.5	1 54 2.952	932	+16	206 39 2.7	59 41.8	+ 26	9.998 0200	1190	6 30	16 59
22	097.5	1 57 59.506	931	+13	207 38 44.5	59 44.0	+ 16	9.997 9010	1187	6 31	16 57
23	098.5	2 1 56.060	930	+ 8	208 38 28.5	59 46.2	+ 9	9.997 7823	1184	6 33	16 55
24	099.5	2 5 52.614	929	+ 2	209 38 14.7	59 48.4	+ 4	9.997 6639	1183	6 35	16 53
25	100.5	2 9 49.169	928	− 4	210 38 3.1	59 50.5	+ 1	9.997 5456	1180	6 36	16 51
26	101.5	2 13 45.723	+927	− 9	211 37 53.6	59 52.4	+ 1	9.997 4276	1179	6 38	16 50
27	102.5	2 17 42.278	926	−13	212 37 46.0	59 54.5	+ 3	9.997 3097	1176	6 39	16 48
28	103.5	2 21 38.832	925	−15	213 37 40.5	59 56.4	+ 8	9.997 1921	1174	6 41	16 46
29	104.5	2 25 35.387	925	−15	214 37 36.9	59 58.2	+ 16	9.997 0747	1172	6 43	16 44
30	105.5	2 29 31.942	924	−12	215 37 35.1	60 0.0	+ 26	9.996 9575	1168	6 45	16 42
31	106.5	2 33 28.497	923	− 7	216 37 35.1	60 1.7	+ 37	9.996 8407	1163	6 46	16 41
Nov. 1	107.5	2 37 25.052	+923	− 1	217 37 36.8	60 3.4	+ 50	9.996 7244	1158	6 48	16 39
2	108.5	2 41 21.607	923	+ 5	218 37 40.2	60 4.9	+ 64	9.996 6086	1151	6 50	16 37
3	109.5	2 45 18.162	922	+ 9	219 37 45.1	60 6.5	+ 79	9.996 4935	1142	6 52	16 35
4	110.5	2 49 14.717	922	+10	220 37 51.6	60 8.1	+ 93	9.996 3793	1131	6 53	16 34
5	111.5	2 53 11.272	922	+ 9	221 37 59.7	60 9.5	+104	9.996 2662	1119	6 55	16 32
6	112.5	2 57 7.828	922	+ 5	222 38 9.2	60 11.1	+113	9.996 1543	1105	6 56	16 31
7	113.5	3 1 4.383	+923	− 1	223 38 20.3	60 12.6	+119	9.996 0438	1090	6 58	16 29
8	114.5	3 5 0.939	923	− 7	224 38 32.9	60 14.2	+123	9.995 9348	1072	7 0	16 27
9	115.5	3 8 57.495	923	−11	225 38 47.1	60 15.9	+124	9.995 8276	1054	7 1	16 26
10	116.5	3 12 54.050	924	−12	226 39 3.0	60 17.5	+120	9.995 7222	1035	7 3	16 24
11	117.5	3 16 50.606	924	−10	227 39 20.5	60 19.2	+114	9.995 6187	1015	7 4	16 23
12	118.5	3 20 47.162	925	− 6	228 39 39.7	60 21.0	+105	9.995 5172	996	7 6	16 21
13	119.5	3 24 43.718	+926	+ 1	229 40 0.7	60 22.9	+ 95	9.995 4176	977	7 8	16 20
14	120.5	3 28 40.275	926	+ 7	230 40 23.6	60 24.7	+ 83	9.995 3199	958	7 9	16 19
15	121.5	3 32 36.831	927	+13	231 40 48.3	60 26.6	+ 71	9.995 2241	941	7 11	16 17
16	122.5	3 36 33.387	928	+16	232 41 14.9	60 28.4	+ 58	9.995 1300	925	7 12	16 16
17	123.5	3 40 29.944	930	+17	233 41 43.3	60 30.3	+ 46	9.995 0375	909	7 14	16 15
18	124.5	3 44 26.500	931	+14	234 42 13.6	60 32.1	+ 36	9.994 9466	894	7 16	16 14
19	125.5	3 48 23.057	+932	+10	235 42 45.7	60 33.9	+ 27	9.994 8572	879	7 17	16 13
20	126.5	3 52 19.614	933	+ 4	236 43 19.6	60 35.6	+ 21	9.994 7693	867	7 19	16 11
21	127.5	3 56 16.171	935	− 2	237 43 55.2	60 37.4	+ 18	9.994 6826	853	7 20	16 10
22	128.5	4 0 12.728	937	− 7	238 44 32.6	60 39.0	+ 17	9.994 5973	840	7 22	16 9
23	129.5	4 4 9.285	938	−12	239 45 11.6	60 40.5	+ 19	9.994 5133	829	7 24	16 8
24	130.5	4 8 5.842	+940	−15	240 45 52.1		+ 23	9.994 4304		7 25	16 7

Tag	Wochentag	Zeitgleichung Mittlere Zeit *minus* Wahre Zeit		Scheinbare Rektaszension		Scheinbare Deklination		Halbe Durchgangs-Dauer St.-Zt.	Halbmesser
		0h Welt-Zeit							
1935		m s	s	h m s	m s	° ′ ″	′ ″	s	′ ″
Nov. 24	St	−13 35.81	17.10	15 54 30.03	4 13.66	−20 19 13.7	12 23.1	69.44	16 13.91
25	Mo	13 18.71	17.87	15 58 43.69	4 14.43	20 31 36.8	12 0.2	69.55	16 14.09
26	Di	13 0.84	18.63	16 2 58.12	4 15.19	20 43 37.0	11 36.9	69.65	16 14.27
27	Mi	12 42.21	19.37	16 7 13.31	4 15.93	20 55 13.9	11 13.5	69.75	16 14.45
28	Do	12 22.84	20.09	16 11 29.24	4 16.64	21 6 27.4	10 49.5	69.85	16 14.63
29	Fr	12 2.75	20.78	16 15 45.88	4 17.34	21 17 16.9	10 25.4	69.95	16 14.80
30	Sa	−11 41.97	21.46	16 20 3.22	4 18.01	−21 27 42.3	10 0.9	70.04	16 14.97
Dez. 1	St	11 20.51	22.10	16 24 21.23	4 18.66	21 37 43.2	9 36.2	70.14	16 15.14
2	Mo	10 58.41	22.73	16 28 39.89	4 19.29	21 47 19.4	9 11.0	70.23	16 15.30
3	Di	10 35.68	23.33	16 32 59.18	4 19.89	21 56 30.4	8 45.7	70.32	16 15.46
4	Mi	10 12.35	23.91	16 37 19.07	4 20.47	22 5 16.1	8 20.2	70.40	16 15.62
5	Do	9 48.44	24.47	16 41 39.54	4 21.03	22 13 36.3	7 54.3	70.48	16 15.76
6	Fr	− 9 23.97	25.01	16 46 0.57	4 21.56	−22 21 30.6	7 28.2	70.56	16 15.91
7	Sa	8 58.96	25.53	16 50 22.13	4 22.08	22 28 58.8	7 2.0	70.63	16 16.05
8	St	8 33.43	26.01	16 54 44.21	4 22.57	22 36 0.8	6 35.4	70.70	16 16.19
9	Mo	8 7.42	26.48	16 59 6.78	4 23.04	22 42 36.2	6 8.7	70.77	16 16.32
10	Di	7 40.94	26.92	17 3 29.82	4 23.49	22 48 44.9	5 41.8	70.83	16 16.44
11	Mi	7 14.02	27.35	17 7 53.31	4 23.90	22 54 26.7	5 14.7	70.89	16 16.56
12	Do	− 6 46.67	27.74	17 12 17.21	4 24.30	−22 59 41.4	4 47.4	70.95	16 16.67
13	Fr	6 18.93	28.11	17 16 41.51	4 24.67	23 4 28.8	4 20.0	71.00	16 16.78
14	Sa	5 50.82	28.45	17 21 6.18	4 25.01	23 8 48.8	3 52.3	71.04	16 16.88
15	St	5 22.37	28.76	17 25 31.19	4 25.32	23 12 41.1	3 24.6	71.08	16 16.97
16	Mo	4 53.61	29.04	17 29 56.51	4 25.60	23 16 5.7	2 56.8	71.12	16 17.06
17	Di	4 24.57	29.29	17 34 22.11	4 25.84	23 19 2.5	2 28.7	71.15	16 17.14
18	Mi	− 3 55.28	29.50	17 38 47.95	4 26.06	−23 21 31.2	2 0.7	71.18	16 17.22
19	Do	3 25.78	29.68	17 43 14.01	4 26.24	23 23 31.9	1 32.5	71.20	16 17.30
20	Fr	2 56.10	29.83	17 47 40.25	4 26.39	23 25 4.4	1 4.3	71.22	16 17.36
21	Sa	2 26.27	29.93	17 52 6.64	4 26.49	23 26 8.7	0 36.1	71.24	16 17.43
22	St	1 56.34	30.01	17 56 33.13	4 26.57	23 26 44.8	0 7.7	71.25	16 17.48
23	Mo	1 26.33	30.05	18 0 59.70	4 26.60	23 26 52.5	0 20.6	71.26	16 17.54
24	Di	− 0 56.28	30.04	18 5 26.30	4 26.60	−23 26 31.9	0 49.0	71.26	16 17.59
25	Mi	− 0 26.24	30.00	18 9 52.90	4 26.56	23 25 42.9	1 17.2	71.25	16 17.64
26	Do	+ 0 3.76	29.92	18 14 19.46	4 26.48	23 24 25.7	1 45.4	71.24	16 17.69
27	Fr	0 33.68	29.80	18 18 45.94	4 26.36	23 22 40.3	2 13.7	71.23	16 17.73
28	Sa	1 3.48	29.64	18 23 12.30	4 26.20	23 20 26.6	2 41.8	71.22	16 17.77
29	St	1 33.12	29.45	18 27 38.50	4 26.01	23 17 44.8	3 9.9	71.20	16 17.80
30	Mo	+ 2 2.57	29.22	18 32 4.51	4 25.77	−23 14 34.9	3 37.7	71.17	16 17.83
31	Di	2 31.79	28.94	18 36 30.28	4 25.51	23 10 57.2	4 5.6	71.13	16 17.86
32	Mi	+ 3 0.73		18 40 55.79		−23 6 51.6		71.09	16 17.88

Tag	Julian. Zeit	Sternzeit	Nutation in AR. langp. Gl.	Nutation in AR. kurzp. Gl.	Mittleres Äquinoktium 1935.0 Länge		Mittleres Äquinoktium 1935.0 Breite	log R		Aufgang in {+50° Breite, 0h Länge	Untergang in {+50° Breite, 0h Länge
1935	2428	h m s	in 0.001 s		° ′ ″	′ ″	in 0.01″			h m	h m
Nov. 24	130.5	4 8 5.842	+ 940	−15	240 45 52.1	60 42.1	+ 23	9.994 4304	816	7 25	16 7
25	131.5	4 12 2.399	942	−15	241 46 34.2	60 43.5	+ 29	9.994 3488	806	7 27	16 7
26	132.5	4 15 58.956	944	−13	242 47 17.7	60 44.9	+ 38	9.994 2682	794	7 28	16 6
27	133.5	4 19 55.514	946	− 8	243 48 2.6	60 46.1	+ 50	9.994 1888	782	7 30	16 5
28	134.5	4 23 52.071	948	− 2	244 48 48.7	60 47.3	+ 62	9.994 1106	770	7 31	16 4
29	135.5	4 27 48.629	950	+ 4	245 49 36.0	60 48.4	+ 76	9.994 0336	758	7 33	16 3
30	136.5	4 31 45.186	+ 952	+ 9	246 50 24.4	60 49.4	+ 90	9.993 9578	743	7 34	16 3
Dez. 1	137.5	4 35 41.744	955	+11	247 51 13.8	60 50.3	+103	9.993 8835	728	7 36	16 2
2	138.5	4 39 38.302	957	+10	248 52 4.1	60 51.1	+115	9.993 8107	711	7 37	16 1
3	139.5	4 43 34.860	960	+ 7	249 52 55.2	60 52.0	+124	9.993 7396	692	7 38	16 1
4	140.5	4 47 31.418	962	+ 1	250 53 47.2	60 52.8	+131	9.993 6704	672	7 39	16 0
5	141.5	4 51 27.976	965	− 5	251 54 40.0	60 53.5	+135	9.993 6032	650	7 41	16 0
6	142.5	4 55 24.534	+ 967	−10	252 55 33.5	60 54.3	+135	9.993 5382	626	7 42	15 59
7	143.5	4 59 21.092	970	−12	253 56 27.8	60 55.1	+132	9.993 4756	602	7 43	15 59
8	144.5	5 3 17.650	973	−12	254 57 22.9	60 55.9	+126	9.993 4154	576	7 44	15 59
9	145.5	5 7 14.208	976	− 8	255 58 18.8	60 56.8	+117	9.993 3578	549	7 45	15 59
10	146.5	5 11 10.766	979	− 2	256 59 15.6	60 57.7	+105	9.993 3029	523	7 46	15 58
11	147.5	5 15 7.325	981	+ 4	258 0 13.3	60 58.5	+ 93	9.993 2506	495	7 47	15 58
12	148.5	5 19 3.883	+ 984	+10	259 1 11.8	60 59.5	+ 79	9.993 2011	469	7 48	15 58
13	149.5	5 23 0.441	987	+15	260 2 11.3	61 0.5	+ 65	9.993 1542	444	7 49	15 58
14	150.5	5 26 57.000	990	+16	261 3 11.8	61 1.5	+ 53	9.993 1098	418	7 50	15 58
15	151.5	5 30 53.558	993	+15	262 4 13.3	61 2.4	+ 41	9.993 0680	394	7 51	15 59
16	152.5	5 34 50.116	996	+11	263 5 15.7	61 3.3	+ 31	9.993 0286	371	7 52	15 59
17	153.5	5 38 46.675	1000	+ 6	264 6 19.0	61 4.3	+ 23	9.992 9915	349	7 53	15 59
18	154.5	5 42 43.233	+1003	0	265 7 23.3	61 5.1	+ 18	9.992 9566	327	7 54	15 59
19	155.5	5 46 39.792	1006	− 6	266 8 28.4	61 6.0	+ 15	9.992 9239	306	7 54	15 59
20	156.5	5 50 36.350	1009	−11	267 9 34.4	61 6.7	+ 16	9.992 8933	287	7 55	16 0
21	157.5	5 54 32.909	1012	−14	268 10 41.1	61 7.5	+ 19	9.992 8646	267	7 55	16 0
22	158.5	5 58 29.467	1015	−15	269 11 48.6	61 8.2	+ 24	9.992 8379	249	7 56	16 0
23	159.5	6 2 26.026	1019	−13	270 12 56.8	61 8.7	+ 33	9.992 8130	232	7 56	16 1
24	160.5	6 6 22.584	+1022	−10	271 14 5.5	61 9.3	+ 44	9.992 7898	215	7 57	16 2
25	161.5	6 10 19.143	1025	− 4	272 15 14.8	61 9.6	+ 56	9.992 7683	199	7 57	16 2
26	162.5	6 14 15.702	1028	+ 2	273 16 24.4	61 10.0	+ 69	9.992 7484	183	7 58	16 3
27	163.5	6 18 12.260	1031	+ 7	274 17 34.4	61 10.2	+ 82	9.992 7301	167	7 58	16 4
28	164.5	6 22 8.819	1034	+11	275 18 44.6	61 10.2	+ 95	9.992 7134	150	7 58	16 5
29	165.5	6 26 5.377	1037	+12	276 19 54.8	61 10.2	+107	9.992 6984	132	7 58	16 6
30	166.5	6 30 1.936	+1041	+10	277 21 5.0	61 10.2	+116	9.992 6852	114	7 59	16 6
31	167.5	6 33 58.494	1044	+ 4	278 22 15.2	61 9.9	+122	9.992 6738	93	7 59	16 7
32	168.5	6 37 55.052	+1047	− 2	279 23 25.1		+127	9.992 6645		7 59	16 8

0h Welt-Zeit	Mittleres Äquinoktium 1935.0											
	X			ΔX*)	Y			ΔY*)	Z			ΔZ*)
1935												
Jan. 0	+0.147 496	+17272	− 45	−3	−0.891 906	+ 2556	+279	+2	−0.386 848	+1109	+121	−1
1	0.164 768	17222	50	−1	0.889 350	2833	277	−2	0.385 739	1229	120	−5
2	0.181 990	17166	56	0	0.886 517	3111	278	+2	0.384 510	1349	120	−3
3	0.199 156	17105	61	+3	0.883 406	3387	276	−2	0.383 161	1470	121	+3
4	0.216 261	17038	67	+2	0.880 019	3662	275	−2	0.381 691	1589	119	−1
5	0.233 299	16965	73	0	0.876 357	3937	275	+3	0.380 102	1708	119	+1
6	+0.250 264	+16886	− 79	−2	−0.872 420	+ 4210	+273	+3	−0.378 394	+1827	+119	+3
7	0.267 150	16802	84	−1	0.868 210	4482	272	+4	0.376 567	1944	117	0
8	0.283 952	16712	90	−3	0.863 728	4751	269	−1	0.374 623	2062	118	+4
9	0.300 664	16616	96	−4	0.858 977	5019	268	+1	0.372 561	2177	115	−2
10	0.317 280	16516	100	+2	0.853 958	5285	266	+2	0.370 384	2293	116	+3
11	0.333 796	16411	105	+4	0.848 673	5549	264	+3	0.368 091	2407	114	0
12	+0.350 207	+16300	−111	+1	−0.843 124	+ 5811	+262	+2	−0.365 684	+2520	+113	0
13	0.366 507	16185	115	+2	0.837 313	6070	259	−1	0.363 164	2633	113	+3
14	0.382 692	16065	120	0	0.831 243	6328	258	+1	0.360 531	2744	111	0
15	0.398 757	15940	125	−3	0.824 915	6583	255	−3	0.357 787	2855	111	+2
16	0.414 697	15810	130	−4	0.818 332	6836	253	−3	0.354 932	2965	110	0
17	0.430 507	15677	133	+1	0.811 496	7087	251	−3	0.351 967	3073	108	−5
18	+0.446 184	+15538	−139	−2	−0.804 409	+ 7335	+248	−4	−0.348 894	+3181	+108	−4
19	0.461 722	15395	143	0	0.797 074	7582	247	+1	0.345 713	3287	106	−4
20	0.477 117	15248	147	+3	0.789 492	7826	244	−1	0.342 426	3394	107	+4
21	0.492 365	15096	152	+2	0.781 666	8068	242	−1	0.339 032	3499	105	+1
22	0.507 461	14940	156	+3	0.773 598	8307	239	−5	0.335 533	3602	103	−3
23	0.522 401	14779	161	0	0.765 291	8544	237	−4	0.331 931	3706	104	+1
24	+0.537 180	+14614	−165	0	−0.756 747	+ 8778	+234	−3	−0.328 225	+3807	+101	−5
25	0.551 794	14444	170	−1	0.747 969	9011	233	+2	0.324 418	3907	100	−4
26	0.566 238	14270	174	+1	0.738 958	9240	229	−3	0.320 511	4008	101	+4
27	0.580 508	14092	178	+1	0.729 718	9466	226	−4	0.316 503	4106	98	−1
28	0.594 600	13908	184	−3	0.720 252	9691	225	+2	0.312 397	4203	97	−1
29	0.608 508	13722	186	+4	0.710 561	9912	221	−1	0.308 194	4300	97	+2
30	+0.622 230	+13529	−193	−3	−0.700 649	+10130	+218	−2	−0.303 894	+4394	+ 94	−5
31	0.635 759	13333	196	+1	0.690 519	10345	215	−2	0.299 500	4487	93	−3
Febr. 1	0.649 092	13132	201	+1	0.680 174	10557	212	+1	0.295 013	4580	93	+4
2	0.662 224	12927	205	+3	0.669 617	10766	209	+4	0.290 433	4670	90	+2
3	0.675 151	12717	210	+1	0.658 851	10971	205	+2	0.285 763	4759	89	+4
4	0.687 868	12503	214	+1	0.647 880	11172	201	+1	0.281 004	4847	88	+5
5	+0.700 371	+12286	−217	+3	−0.636 708	+11370	+198	+3	−0.276 157	+4932	+ 85	−2
6	0.712 657	12063	223	−3	0.625 338	11563	193	−2	0.271 225	5015	83	−4
7	0.724 720	11839	224	+4	0.613 775	11752	189	−4	0.266 210	5098	83	+2
8	0.736 559	11609	230	−2	0.602 023	11937	185	−4	0.261 112	5177	79	−3
9	0.748 168	+11378	231	+5	0.590 086	+12118	181	−3	0.255 935	+5256	79	+4
10	+0.759 546		−235	+2	−0.577 968		+177	−1	−0.250 679		+ 77	+4

*) ΔX, ΔY, ΔZ sind in Einheiten der 7. Dezimale gegeben.

0h Welt-Zeit	X			ΔX*)	Y			ΔY*)	Z			ΔZ*)
	Mittleres Äquinoktium 1935.0											
1935												
Febr. 10	+0.759 546	+11 143	−235	+2	−0.577 968	+12 295	+177	−1	−0.250 679	+5 333	+77	+4
11	0.770 689	10 904	239	−1	0.565 673	12 468	173	0	0.245 346	5 407	74	−1
12	0.781 593	10 664	240	+5	0.553 205	12 637	169	+1	0.239 939	5 481	74	+3
13	0.792 257	10 420	244	+2	0.540 568	12 802	165	+1	0.234 458	5 552	71	−3
14	0.802 677	10 174	246	+2	0.527 766	12 962	160	−2	0.228 906	5 621	69	−4
15	0.812 851	9 924	250	−3	0.514 804	13 120	158	+3	0.223 285	5 690	69	+3
16	+0.822 775	+ 9 673	−251	+1	−0.501 684	+13 272	+152	−5	−0.217 595	+5 756	+66	−1
17	0.832 448	9 418	255	−4	0.488 412	13 421	149	−4	0.211 839	5 820	64	−4
18	0.841 866	9 161	257	−2	0.474 991	13 565	144	−4	0.206 019	5 883	63	−1
19	0.851 027	8 902	259	+2	0.461 426	13 707	142	+3	0.200 136	5 945	62	+2
20	0.859 929	8 640	262	+2	0.447 719	13 843	136	−3	0.194 191	6 003	58	−4
21	0.868 569	8 376	264	+4	0.433 876	13 976	133	−2	0.188 188	6 062	59	+3
22	+0.876 945	+ 8 110	−266	+4	−0.419 900	+14 104	+128	−5	−0.182 126	+6 117	+55	−3
23	0.885 055	7 840	270	−2	0.405 796	14 229	125	−2	0.176 009	6 171	54	0
24	0.892 895	7 569	271	+2	0.391 567	14 349	120	−4	0.169 838	6 224	53	+4
25	0.900 464	7 296	273	+3	0.377 218	14 465	116	−2	0.163 614	6 275	51	+1
26	0.907 760	7 020	276	−2	0.362 753	14 577	112	0	0.157 339	6 323	48	−5
27	0.914 780	6 741	279	−5	0.348 176	14 685	108	+1	0.151 016	6 369	46	−4
28	+0.921 521	+ 6 461	−280	0	−0.333 491	+14 787	+102	−3	−0.144 647	+6 415	+46	+3
März 1	0.927 982	6 178	283	−1	0.318 704	14 887	100	+4	0.138 232	6 457	42	−2
2	0.934 160	5 894	284	+1	0.303 817	14 980	93	−3	0.131 775	6 498	41	+1
3	0.940 054	5 607	287	−3	0.288 837	15 069	89	−2	0.125 277	6 537	39	+1
4	0.945 661	5 318	289	−4	0.273 768	15 153	84	−1	0.118 740	6 573	36	−4
5	0.950 979	5 028	290	−2	0.258 615	15 232	79	+1	0.112 167	6 607	34	−4
6	+0.956 007	+ 4 736	−292	−2	−0.243 383	+15 306	+ 74	+3	−0.105 560	+6 639	+32	−3
7	0.960 743	4 444	292	+4	0.228 077	15 375	69	+3	0.098 921	6 668	29	−3
8	0.965 187	4 151	293	+4	0.212 702	15 439	64	0	0.092 253	6 696	28	+4
9	0.969 338	3 856	295	−3	0.197 263	15 497	58	−4	0.085 557	6 722	26	+5
10	0.973 194	3 561	295	−5	0.181 766	15 551	54	−2	0.078 835	6 744	22	−1
11	0.976 755	3 265	296	−5	0.166 215	15 599	48	−4	0.072 091	6 766	22	+5
12	+0.980 020	+ 2 970	−295	+1	−0.150 616	+15 644	+ 45	+3	−0.065 325	+6 785	+19	+2
13	0.982 990	2 674	296	−1	0.134 972	15 683	39	0	0.058 540	6 801	16	−3
14	0.985 664	2 377	297	−5	0.119 289	15 718	35	+1	0.051 739	6 817	16	+2
15	0.988 041	2 080	297	−4	0.103 571	15 747	29	−2	0.044 922	6 829	12	−2
16	0.990 121	1 784	296	+1	0.087 824	15 773	26	+4	0.038 093	6 841	12	+3
17	0.991 905	1 487	297	0	0.072 051	15 794	21	+3	0.031 252	6 849	8	−2
18	+0.993 392	+ 1 190	−297	0	−0.056 257	+15 810	+ 16	0	−0.024 403	+6 857	+ 8	+4
19	0.994 582	893	297	+2	0.040 447	15 822	12	0	0.017 546	6 862	5	+1
20	0.995 475	597	296	+5	0.024 625	15 829	7	−3	0.010 684	6 865	3	+1
21	0.996 072	300	297	+1	−0.008 796	15 831	+ 2	−4	−0.003 819	6 867	+ 2	+3
22	0.996 372	+ 3	297	−1	+0.007 035	+15 830	− 1	+2	+0.003 048	+6 866	− 1	−2
23	+0.996 375		−296	+2	+0.022 865		− 6	+1	+0.009 914		− 3	−3

*) ΔX, ΔY, ΔZ sind in Einheiten der 7. Dezimale gegeben.

0ʰ Welt-Zeit	X			ΔX*)	Y			ΔY*)	Z			ΔZ*)
	Mittleres Äquinoktium 1935.0											
1935												
März 23	+0.996 375	−293	−296	+2	+0.022 865	+15824	− 6	+1	+0.009 914	+6863	− 3	−3
24	0.996 082	590	297	−1	0.038 689	15814	10	+1	0.016 777	6859	4	0
25	0.995 492	885	295	+4	0.054 503	15798	16	−5	0.023 636	6853	6	−1
26	0.994 607	1182	297	−4	0.070 301	15779	19	−2	0.030 489	6844	9	−5
27	0.993 425	1477	295	−1	0.086 080	15754	25	−5	0.037 333	6834	10	−2
28	0.991 948	1773	296	−5	0.101 834	15726	28	0	0.044 167	6821	13	−3
29	+0.990 175	−2068	−295	−3	+0.117 560	+15693	− 33	−1	+0.050 988	+6807	−14	+2
30	0.988 107	2362	294	−1	0.133 253	15654	39	−5	0.057 795	6790	17	+1
31	0.985 745	2657	295	−5	0.148 907	15611	43	−2	0.064 585	6772	18	+4
April 1	0.983 088	2949	292	+1	0.164 518	15563	48	−2	0.071 357	6751	21	0
2	0.980 139	3242	293	−5	0.180 081	15510	53	−3	0.078 108	6727	24	−4
3	0.976 897	3533	291	−2	0.195 591	15452	58	−3	0.084 835	6702	25	+1
4	+0.973 364	−3822	−289	+1	+0.211 043	+15389	− 63	−3	+0.091 537	+6675	−27	+3
5	0.969 542	4110	288	−2	0.226 432	15321	68	−2	0.098 212	6645	30	−1
6	0.965 432	4397	287	−5	0.241 753	15249	72	+1	0.104 857	6614	31	0
7	0.961 035	4681	284	0	0.257 002	15172	77	−1	0.111 471	6580	34	−3
8	0.956 354	4963	282	+2	0.272 174	15090	82	−4	0.118 051	6544	36	−3
9	0.951 391	5243	280	+2	0.287 264	15004	86	−4	0.124 595	6507	37	+1
10	+0.946 148	−5521	−278	0	+0.302 268	+14914	− 90	−3	+0.131 102	+6468	−39	+1
11	0.940 627	5798	277	−3	0.317 182	14819	95	−5	0.137 570	6427	41	+1
12	0.934 829	6071	273	+4	0.332 001	14720	99	−2	0.143 997	6384	43	0
13	0.928 758	6342	271	+4	0.346 721	14618	102	+4	0.150 381	6340	44	0
14	0.922 416	6612	270	−2	0.361 339	14511	107	+2	0.156 721	6293	47	−4
15	0.915 804	6879	267	−1	0.375 850	14401	110	+4	0.163 014	6245	48	0
16	+0.908 925	−7144	−265	−1	+0.390 251	+14286	−115	0	+0.169 259	+6196	−49	+5
17	0.901 781	7405	261	+4	0.404 537	14168	118	+1	0.175 455	6145	51	+4
18	0.894 376	7666	261	−4	0.418 705	14046	122	−1	0.181 600	6092	53	+2
19	0.886 710	7923	257	−1	0.432 751	13920	126	−4	0.187 692	6038	54	+2
20	0.878 787	8179	256	−4	0.446 671	13790	130	−5	0.193 730	5982	56	−1
21	0.870 608	8431	252	+1	0.460 461	13658	132	+1	0.199 712	5924	58	−5
22	+0.862 177	−8682	−251	−4	+0.474 119	+13521	−137	−3	+0.205 636	+5865	−59	−5
23	0.853 495	8931	249	−5	0.487 640	13380	141	−5	0.211 501	5804	61	−5
24	0.844 564	9176	245	+2	0.501 020	13236	144	−2	0.217 305	5741	63	−3
25	0.835 388	9419	243	+2	0.514 256	13088	148	−2	0.223 046	5678	63	+3
26	0.825 969	9660	241	−2	0.527 344	12936	152	0	0.228 724	5611	67	−3
27	0.816 309	9899	239	−4	0.540 280	12781	155	+5	0.234 335	5544	67	+3
28	+0.806 410	−10134	−235	+2	+0.553 061	+12622	−159	+3	+0.239 879	+5475	−69	+2
29	0.796 276	10366	232	+5	0.565 683	12458	164	−4	0.245 354	5404	71	−1
30	0.785 910	10595	229	+4	0.578 141	12290	168	−5	0.250 758	5331	73	−4
Mai 1	0.775 315	10821	226	0	0.590 431	12120	170	+1	0.256 089	5256	75	−4
2	0.764 494	−11044	223	−4	0.602 551	+11944	176	−4	0.261 345	+5181	75	+2
3	+0.753 450		−219	−3	+0.614 495		−178	+2	+0.266 526		−78	−2

*) ΔX, ΔY, ΔZ sind in Einheiten der 7. Dezimale gegeben.

0h Welt-Zeit	Mittleres Äquinoktium 1935.0											
	X			ΔX*)	Y			ΔY*)	Z			ΔZ*)
1935 Mai 3	+0.753 450	−11 263	−219	−3	+0.614 495	+11 766	−178	+2	+0.266 526	+5 103	−78	−2
4	0.742 187	11 478	215	−2	0.626 261	11 584	182	+3	0.271 629	5 024	79	−1
5	0.730 709	11 689	211	−1	0.637 845	11 399	185	+4	0.276 653	4 943	81	−1
6	0.719 020	11 897	208	−3	0.649 244	11 210	189	+2	0.281 596	4 862	81	+3
7	0.707 123	12 100	203	+1	0.660 454	11 019	191	+5	0.286 458	4 778	84	−2
8	0.695 023	12 300	200	−1	0.671 473	10 824	195	+1	0.291 236	4 694	84	+2
9	+0.682 723	−12 495	−195	+3	+0.682 297	+10 627	−197	+1	+0.295 930	+4 609	−85	+2
10	0.670 228	12 686	191	+3	0.692 924	10 426	201	−2	0.300 539	4 521	88	−4
11	0.657 542	12 875	189	−3	0.703 350	10 224	202	+3	0.305 060	4 434	87	+3
12	0.644 667	13 058	183	+4	0.713 574	10 018	206	0	0.309 494	4 345	89	+1
13	0.631 609	13 237	179	+4	0.723 592	9 811	207	+4	0.313 839	4 255	90	−1
14	0.618 372	13 414	177	−3	0.733 403	9 600	211	0	0.318 094	4 163	92	−3
15	+0.604 958	−13 585	−171	+3	+0.743 003	+ 9 388	−212	+2	+0.322 257	+4 072	−91	+4
16	0.591 373	13 753	168	0	0.752 391	9 173	215	−2	0.326 329	3 979	93	+1
17	0.577 620	13 917	164	−1	0.761 564	8 955	218	−4	0.330 308	3 884	95	−3
18	0.563 703	14 077	160	−2	0.770 519	8 737	218	+3	0.334 192	3 790	94	+4
19	0.549 626	14 234	157	−5	0.779 256	8 515	222	−2	0.337 982	3 694	96	+2
20	0.535 392	14 386	152	0	0.787 771	8 292	223	+1	0.341 676	3 597	97	0
21	+0.521 006	−14 535	−149	−1	+0.796 063	+ 8 066	−226	0	+0.345 273	+3 499	−98	0
22	0.506 471	14 680	145	+1	0.804 129	7 839	227	+1	0.348 772	3 401	98	+3
23	0.491 791	14 821	141	+3	0.811 968	7 608	231	−5	0.352 173	3 300	101	−3
24	0.476 970	14 958	137	+4	0.819 576	7 376	232	−2	0.355 473	3 200	100	+3
25	0.462 012	15 091	133	+5	0.826 952	7 141	235	−4	0.358 673	3 098	102	+1
26	0.446 921	15 219	128	+5	0.834 093	6 904	237	−2	0.361 771	2 995	103	0
27	+0.431 702	−15 345	−126	−4	+0.840 997	+ 6 666	−238	+3	+0.364 766	+2 891	−104	+1
28	0.416 357	15 464	119	+2	0.847 663	6 424	242	−3	0.367 657	2 787	104	+4
29	0.400 893	15 580	116	−3	0.854 087	6 181	243	0	0.370 444	2 681	106	−1
30	0.385 313	15 691	111	−3	0.860 268	5 936	245	+1	0.373 125	2 574	107	−3
31	0.369 622	15 797	106	−1	0.866 204	5 689	247	0	0.375 699	2 467	107	0
Juni 1	0.353 825	15 898	101	+1	0.871 893	5 440	249	−2	0.378 166	2 359	108	0
2	+0.337 927	−15 994	− 96	+3	+0.877 333	+ 5 190	−250	−2	+0.380 525	+2 250	−109	−1
3	0.321 933	16 085	91	+3	0.882 523	4 938	252	−4	0.382 775	2 142	108	+3
4	0.305 848	16 172	87	0	0.887 461	4 685	253	−3	0.384 917	2 031	111	−4
5	0.289 676	16 252	80	+4	0.892 146	4 431	254	−1	0.386 948	1 921	110	+1
6	0.273 424	16 330	78	−4	0.896 577	4 177	254	+2	0.388 869	1 811	110	+4
7	0.257 094	16 401	71	+3	0.900 754	3 920	257	−4	0.390 680	1 700	111	+1
8	+0.240 693	−16 467	− 66	+5	+0.904 674	+ 3 664	−256	+1	+0.392 380	+1 589	−111	−1
9	0.224 226	16 530	63	−2	0.908 338	3 407	257	0	0.393 969	1 477	112	−4
10	0.207 696	16 587	57	+1	0.911 745	3 148	259	−4	0.395 446	1 365	112	−1
11	0.191 109	16 639	52	+1	0.914 893	2 890	258	+2	0.396 811	1 254	111	+4
12	0.174 470	−16 688	49	−3	0.917 783	+ 2 632	258	+5	0.398 065	+1 141	113	−2
13	+0.157 782		− 42	+4	+0.920 415		−260	−1	+0.399 206		−112	+2

*) ΔX, ΔY, ΔZ sind in Einheiten der 7. Dezimale gegeben.

0h Welt-Zeit	X			ΔX*)	Y			ΔY*)	Z			ΔZ*)
	Mittleres Äquinoktium 1935.0											
1935												
Juni 13	+0.157 782	−16730	−42	+4	+0.920 415	+2372	−260	−1	+0.399 206	+1029	−112	+2
14	0.141 052	16769	39	−2	0.922 787	2112	260	−1	0.400 235	917	112	+4
15	0.124 283	16804	35	−4	0.924 899	1853	259	+3	0.401 152	804	113	0
16	0.107 479	16833	29	+1	0.926 752	1593	260	0	0.401 956	691	113	0
17	0.090 646	16859	26	−3	0.928 345	1332	261	−4	0.402 647	579	112	+3
18	0.073 787	16880	21	0	0.929 677	1071	261	−3	0.403 226	465	114	−2
19	+0.056 907	−16897	−17	+1	+0.930 748	+811	−260	+1	+0.403 691	+352	−113	+3
20	0.040 010	16909	12	+3	0.931 559	549	262	−4	0.404 043	239	113	+5
21	0.023 101	16917	8	+1	0.932 108	287	262	−4	0.404 282	125	114	+3
22	+0.006 184	16921	−4	0	0.932 395	+25	262	−3	0.404 407	+12	113	+5
23	−0.010 737	16919	+2	+4	0.932 420	−238	263	−3	0.404 419	−103	115	−1
24	0.027 656	16913	6	+1	0.932 182	500	262	+3	0.404 316	217	114	+3
25	−0.044 569	−16902	+11	−1	+0.931 682	−763	−263	+1	+0.404 099	−331	−114	+4
26	0.061 471	16887	15	−3	0.930 919	1026	263	−1	0.403 768	445	114	+3
27	0.078 358	16865	22	+3	0.929 893	1290	264	−4	0.403 323	559	114	0
28	0.095 223	16839	26	−1	0.928 603	1552	262	+4	0.402 764	674	115	−5
29	0.112 062	16809	30	−4	0.927 051	1814	262	+5	0.402 090	788	114	−1
30	0.128 871	16772	37	+3	0.925 237	2076	262	+1	0.401 302	901	113	+3
Juli 1	−0.145 643	−16731	+41	+2	+0.923 161	−2338	−262	−2	+0.400 401	−1015	−114	+1
2	0.162 374	16684	47	+5	0.920 823	2598	260	+3	0.399 386	1127	112	+5
3	0.179 058	16633	51	0	0.918 225	2858	260	+1	0.398 259	1240	113	−1
4	0.195 691	16577	56	−2	0.915 367	3116	258	+2	0.397 019	1353	113	−3
5	0.212 268	16516	61	−1	0.912 251	3374	258	−2	0.395 666	1464	111	+4
6	0.228 784	16450	66	0	0.908 877	3630	256	−1	0.394 202	1575	111	+5
7	−0.245 234	−16380	+70	−2	+0.905 247	−3886	−256	−5	+0.392 627	−1685	−110	+5
8	0.261 614	16304	76	+1	0.901 361	4139	253	0	0.390 942	1795	110	0
9	0.277 918	16225	79	−5	0.897 222	4392	253	−2	0.389 147	1905	110	−3
10	0.294 143	16141	84	−3	0.892 830	4642	250	+4	0.387 242	2013	108	+1
11	0.310 284	16052	89	+1	0.888 188	4891	249	+3	0.385 229	2121	108	−2
12	0.326 336	15959	93	+1	0.883 297	5139	248	−1	0.383 108	2229	108	−3
13	−0.342 295	−15862	+97	0	+0.878 158	−5385	−246	−2	+0.380 879	−2335	−106	+4
14	0.358 157	15761	101	−1	0.872 773	5630	245	−3	0.378 544	2441	106	+3
15	0.373 918	15655	106	+1	0.867 143	5872	242	+3	0.376 103	2546	105	+3
16	0.389 573	15547	108	−5	0.861 271	6113	241	+3	0.373 557	2650	104	+2
17	0.405 120	15434	113	−1	0.855 158	6353	240	+1	0.370 907	2755	105	−4
18	0.420 554	15316	118	+4	0.848 805	6591	238	+3	0.368 152	2858	103	−1
19	−0.435 870	−15195	+121	+1	+0.842 214	−6827	−236	+3	+0.365 294	−2961	−103	−2
20	0.451 065	15069	126	+1	0.835 387	7063	236	−3	0.362 333	3063	102	−1
21	0.466 134	14940	129	−5	0.828 324	7297	234	−2	0.359 270	3165	102	−1
22	0.481 074	14806	134	−4	0.821 027	7528	231	+3	0.356 105	3265	100	+4
23	0.495 880	−14668	138	−2	0.813 499	−7759	231	−2	0.352 840	−3365	100	+1
24	−0.510 548		+144	+4	+0.805 740		−228	−1	+0.349 475		−100	−3

*) ΔX, ΔY, ΔZ sind in Einheiten der 7. Dezimale gegeben.

0h Welt-Zeit	Mittleres Äquinoktium 1935.0											
	X			ΔX*)	Y			ΔY*)	Z			ΔZ*)
1935												
Juli 24	−0.510 548	−14524	+144	+4	+0.805 740	−7987	−228	−1	+0.349 475	−3465	−100	−3
25	0.525 072	14377	147	−1	0.797 753	8214	227	−5	0.346 010	3563	98	0
26	0.539 449	14225	152	−2	0.789 539	8438	224	−3	0.342 447	3660	97	+1
27	0.553 674	14069	156	−5	0.781 101	8661	223	−4	0.338 787	3757	97	−3
28	0.567 743	13909	160	−5	0.772 440	8880	219	+4	0.335 030	3852	95	−2
29	0.581 652	13743	166	+1	0.763 560	9097	217	+5	0.331 178	3947	95	−4
30	−0.595 395	−13575	+168	−4	+0.754 463	−9311	−214	+4	+0.327 231	−4039	−92	+3
31	0.608 970	13401	174	+2	0.745 152	9523	212	−1	0.323 192	4131	92	0
Aug. 1	0.622 371	13224	177	+1	0.735 629	9732	209	−3	0.319 061	4222	91	−2
2	0.635 595	13042	182	+3	0.725 897	9939	207	−5	0.314 839	4311	89	+1
3	0.648 637	12857	185	−1	0.715 958	10141	202	+1	0.310 528	4399	88	+2
4	0.661 494	12669	188	−4	0.705 817	10341	200	−2	0.306 129	4485	86	+4
5	−0.674 163	−12476	+193	+1	+0.695 476	−10538	−197	−4	+0.301 644	−4571	−86	0
6	0.686 639	12280	196	+2	0.684 938	10732	194	−5	0.297 073	4654	83	+3
7	0.698 919	12080	200	+3	0.674 206	10923	191	−3	0.292 419	4737	83	−2
8	0.710 999	11878	202	−1	0.663 283	11109	186	+3	0.287 682	4818	81	−2
9	0.722 877	11671	207	+4	0.652 174	11293	184	−2	0.282 864	4898	80	−3
10	0.734 548	11463	208	−2	0.640 881	11474	181	−5	0.277 966	4976	78	0
11	−0.746 011	−11250	+213	+3	+0.629 407	−11652	−178	−4	+0.272 990	−5053	−77	+1
12	0.757 261	11035	215	−1	0.617 755	11825	173	+3	0.267 937	5128	75	+3
13	0.768 296	10818	217	−5	0.605 930	11996	171	−1	0.262 809	5202	74	+1
14	0.779 114	10597	221	−2	0.593 934	12164	168	−4	0.257 607	5276	74	−3
15	0.789 711	10374	223	−5	0.581 770	12329	165	−5	0.252 331	5346	70	+4
16	0.800 085	10148	226	−4	0.569 441	12491	162	−4	0.246 985	5417	71	−4
17	−0.810 233	−9918	+230	+1	+0.556 950	−12649	−158	−1	+0.241 568	−5486	−69	−4
18	0.820 151	9686	232	−3	0.544 301	12805	156	−4	0.236 082	5554	68	−5
19	0.829 837	9451	235	−5	0.531 496	12958	153	−3	0.230 528	5620	66	−3
20	0.839 288	9213	238	−4	0.518 538	13106	148	+4	0.224 908	5685	65	−4
21	0.848 501	8971	242	+2	0.505 432	13252	146	0	0.219 223	5748	63	−2
22	0.857 472	8726	245	+3	0.492 180	13394	142	0	0.213 475	5810	62	−3
23	−0.866 198	−8479	+247	−1	+0.478 786	−13533	−139	−1	+0.207 665	−5870	−60	−2
24	0.874 677	8228	251	0	0.465 253	13667	134	+2	0.201 795	5929	59	−2
25	0.882 905	7975	253	−3	0.451 586	13798	131	−1	0.195 866	5985	56	+2
26	0.890 880	7719	256	−1	0.437 788	13925	127	0	0.189 881	6040	55	0
27	0.898 599	7460	259	+3	0.423 863	14047	122	+3	0.183 841	6093	53	−1
28	0.906 059	7198	262	+3	0.409 816	14166	119	0	0.177 748	6145	52	−4
29	−0.913 257	−6935	+263	−4	+0.395 650	−14280	−114	+4	+0.171 603	−6194	−49	−1
30	0.920 192	6670	265	−5	0.381 370	14390	110	+4	0.165 409	6242	48	−2
31	0.926 862	6401	269	+3	0.366 980	14495	105	+3	0.159 167	6287	45	+2
Sept. 1	0.933 263	6131	270	+3	0.352 485	14597	102	−3	0.152 880	6331	44	0
2	0.939 394	−5859	272	+5	0.337 888	−14694	97	−2	0.146 549	−6373	42	−1
3	−0.945 253		+274	+5	+0.323 194		−93	−1	+0.140 176		−40	−2

*) ΔX, ΔY, ΔZ sind in Einheiten der 7. Dezimale gegeben.

0^h Welt-Zeit	Mittleres Äquinoktium 1935.0											
	X			ΔX*)	Y			ΔY*)	Z			ΔZ*)
1935												
Sept. 3	−0.945 253	−5585	+274	+5	+0.323 194	−14787	−93	−1	+0.140 176	−6413	−40	−2
4	0.950 838	5310	275	+2	0.308 407	14874	87	+5	0.133 763	6451	38	−2
5	0.956 148	5032	278	+4	0.293 533	14958	84	+2	0.127 312	6487	36	−2
6	0.961 180	4755	277	−5	0.278 575	15037	79	+4	0.120 825	6522	35	−3
7	0.965 935	4476	279	−3	0.263 538	15111	74	+4	0.114 303	6553	31	+4
8	0.970 411	4194	282	+3	0.248 427	15182	71	−3	0.107 750	6584	31	−2
9	−0.974 605	−3913	+281	−4	+0.233 245	−15248	−66	−3	+0.101 166	−6613	−29	−3
10	0.978 518	3631	282	−5	0.217 997	15310	62	−2	0.094 553	6640	27	−1
11	0.982 149	3347	284	−2	0.202 687	15367	57	+1	0.087 913	6664	24	+2
12	0.985 496	3063	284	−4	0.187 320	15422	55	−4	0.081 249	6688	24	−4
13	0.988 559	2778	285	−3	0.171 898	15471	49	+4	0.074 561	6710	22	−5
14	0.991 337	2491	287	+1	0.156 427	15516	45	+5	0.067 851	6730	20	−4
15	−0.993 828	−2204	+287	0	+0.140 911	−15558	−42	+1	+0.061 121	−6748	−18	−2
16	0.996 032	1915	289	+3	0.125 353	15595	37	+2	0.054 373	6764	16	−1
17	0.997 947	1625	290	+2	0.109 758	15629	34	−2	0.047 609	6779	15	−4
18	0.999 572	1335	290	−3	0.094 129	15657	28	+3	0.040 830	6792	13	−3
19	1.000 907	1043	292	+1	0.078 472	15682	25	−1	0.034 038	6802	10	+2
20	1.001 950	750	293	+3	0.062 790	15701	19	+1	0.027 236	6811	9	0
21	−1.002 700	− 456	+294	+2	+0.047 089	−15717	−16	−5	+0.020 425	−6817	− 6	+1
22	1.003 156	− 163	293	−4	0.031 372	15728	11	−3	0.013 608	6822	5	−3
23	1.003 319	+ 133	296	+3	+0.015 644	15732	4	+4	+0.006 786	6824	2	−2
24	1.003 186	428	295	−2	−0.000 088	15734	− 2	−4	−0.000 038	6825	− 1	−5
25	1.002 758	723	295	−5	0.015 822	15730	+ 4	0	0.006 863	6823	+ 2	−1
26	1.002 035	1018	295	−4	0.031 552	15721	9	+2	0.013 686	6819	4	+1
27	−1.001 017	+1315	+297	+3	−0.047 273	−15707	+14	+2	−0.020 505	−6813	+ 6	+2
28	0.999 702	1609	294	−4	0.062 980	15689	18	0	0.027 318	6804	9	+3
29	0.998 093	1905	296	+4	0.078 669	15665	24	+4	0.034 122	6794	10	−3
30	0.996 188	2200	295	+3	0.094 334	15636	29	+4	0.040 916	6782	12	−5
Okt. 1	0.993 988	2494	294	0	0.109 970	15604	32	−2	0.047 698	6767	15	−2
2	0.991 494	2787	293	−1	0.125 574	15565	39	+5	0.054 465	6751	16	−4
3	−0.988 707	+3080	+293	+4	−0.141 139	−15522	+43	+4	−0.061 216	−6732	+19	+1
4	0.985 627	3372	292	+4	0.156 661	15474	48	+4	0.067 948	6711	21	+4
5	0.982 255	3662	290	+1	0.172 135	15422	52	+1	0.074 659	6688	23	+4
6	0.978 593	3952	290	+3	0.187 557	15365	57	+2	0.081 347	6663	25	+3
7	0.974 641	4239	287	−2	0.202 922	15303	62	+3	0.088 010	6637	26	−1
8	0.970 402	4526	287	+3	0.218 225	15237	66	0	0.094 647	6608	29	+1
9	−0.965 876	+4812	+286	+4	−0.233 462	−15168	+69	−4	−0.101 255	−6578	+30	−2
10	0.961 064	5095	283	−4	0.248 630	15092	76	+4	0.107 833	6546	32	−1
11	0.955 969	5378	283	−2	0.263 722	15015	77	−3	0.114 379	6512	34	+1
12	0.950 591	5659	281	−4	0.278 737	14931	84	+4	0.120 891	6476	36	+2
13	0.944 932	+5938	279	−5	0.293 668	−14845	86	−4	0.127 367	−6439	37	−1
14	−0.938 994		+280	+3	−0.308 513		+91	−3	−0.133 806		+40	+1

*) ΔX, ΔY, ΔZ sind in Einheiten der 7. Dezimale gegeben.

0h Welt-Zeit	Mittleres Äquinoktium 1935.0											
	X			ΔX*)	Y			ΔY*)	Z			ΔZ*)
1935												
Okt. 14	−0.938 994	+ 6218	+280	+3	−0.308 513	−14754	+ 91	−3	−0.133 806	−6399	+ 40	+1
15	0.932 776	6495	277	0	0.323 267	14659	95	−3	0.140 205	6359	40	−4
16	0.926 281	6772	277	+2	0.337 926	14560	99	−2	0.146 564	6315	44	+2
17	0.919 509	7046	274	−5	0.352 486	14455	105	+3	0.152 879	6271	44	−2
18	0.912 463	7319	273	−4	0.366 941	14347	108	−3	0.159 150	6223	48	+4
19	0.905 144	7591	272	0	0.381 288	14235	112	−4	0.165 373	6175	48	0
20	−0.897 553	+ 7861	+270	+1	−0.395 523	−14117	+118	+2	−0.171 548	−6123	+ 52	+5
21	0.889 692	8129	268	+1	0.409 640	13995	122	+2	0.177 671	6071	52	0
22	0.881 563	8395	266	+1	0.423 635	13868	127	+2	0.183 742	6015	56	+4
23	0.873 168	8659	264	+1	0.437 503	13738	130	−4	0.189 757	5959	56	−2
24	0.864 509	8920	261	−2	0.451 241	13602	136	−1	0.195 716	5900	59	+2
25	0.855 589	9179	259	−1	0.464 843	13463	139	−3	0.201 616	5839	61	+4
26	−0.846 410	+ 9436	+257	0	−0.478 306	−13317	+146	+4	−0.207 455	−5776	+ 63	+4
27	0.836 974	9689	253	−5	0.491 623	13169	148	−5	0.213 231	5711	65	+3
28	0.827 285	9940	251	−4	0.504 792	13016	153	−5	0.218 942	5645	66	−2
29	0.817 345	10187	247	−5	0.517 808	12859	157	−4	0.224 587	5577	68	−2
30	0.807 158	10432	245	+2	0.530 667	12697	162	+2	0.230 164	5506	71	+3
31	0.796 726	10674	242	+3	0.543 364	12531	166	+4	0.235 670	5434	72	0
Nov. 1	−0.786 052	+10911	+237	−2	−0.555 895	−12361	+170	+2	−0.241 104	−5361	+ 73	−5
2	0.775 141	11146	235	+3	0.568 256	12188	173	−2	0.246 465	5286	75	−3
3	0.763 995	11377	231	+1	0.580 444	12010	178	+1	0.251 751	5208	78	+3
4	0.752 618	11604	227	−2	0.592 454	11830	180	−3	0.256 959	5130	78	−2
5	0.741 014	11827	223	−4	0.604 284	11645	185	+2	0.262 089	5051	79	−4
6	0.729 187	12047	220	−1	0.615 929	11457	188	+2	0.267 140	4969	82	+3
7	−0.717 140	+12264	+217	+2	−0.627 386	−11266	+191	0	−0.272 109	−4886	+ 83	+3
8	0.704 876	12476	212	−2	0.638 652	11072	194	−2	0.276 995	4802	84	0
9	0.692 400	12686	210	0	0.649 724	10875	197	−2	0.281 797	4717	85	−2
10	0.679 714	12891	205	−5	0.660 599	10674	201	+1	0.286 514	4630	87	−1
11	0.666 823	13093	202	−2	0.671 273	10471	203	−2	0.291 144	4542	88	−2
12	0.653 730	13293	200	+3	0.681 744	10264	207	0	0.295 686	4453	89	−1
13	−0.640 437	+13487	+194	−4	−0.692 008	−10054	+210	−1	−0.300 139	−4361	+ 92	+4
14	0.626 950	13680	193	+2	0.702 062	9842	212	−5	0.304 500	4269	92	−1
15	0.613 270	13867	187	−4	0.711 904	9625	217	+1	0.308 769	4176	93	−2
16	0.599 403	14052	185	0	0.721 529	9405	220	+1	0.312 945	4080	96	+5
17	0.585 351	14232	180	−3	0.730 934	9183	222	−4	0.317 025	3983	97	+4
18	0.571 119	14408	176	−4	0.740 117	8957	226	−2	0.321 008	3885	98	+1
19	−0.556 711	+14580	+172	−3	−0.749 074	− 8728	+229	0	−0.324 893	−3786	+ 99	−1
20	0.542 131	14748	168	−1	0.757 802	8495	233	+3	0.328 679	3685	101	+1
21	0.527 383	14911	163	−2	0.766 297	8261	234	−2	0.332 364	3583	102	+1
22	0.512 472	15070	159	+1	0.774 558	8022	239	+5	0.335 947	3479	104	+4
23	0.497 402	+15225	155	+3	0.782 580	− 7781	241	+4	0.339 426	−3375	104	0
24	−0.482 177		+149	−2	−0.790 361		+244	+3	−0.342 801		+106	+3

*) ΔX, ΔY, ΔZ sind in Einheiten der 7. Dezimale gegeben.

0^h Welt-Zeit	Mittleres Äquinoktium 1935.0											
	X			*ΔX**)	*Y*			*ΔY**)	*Z*			*ΔZ**)
1935												
Nov. 24	−0.482 177	+15374	+149	−2	−0.790 361	−7537	+244	+3	−0.342 801	−3269	+106	+3
25	0.466 803	15518	144	−3	0.797 898	7291	246	−1	0.346 070	3161	108	+5
26	0.451 285	15659	141	+3	0.805 189	7042	249	+1	0.349 231	3054	107	−2
27	0.435 626	15793	134	−4	0.812 231	6790	252	+4	0.352 285	2944	110	+3
28	0.419 833	15922	129	−4	0.819 021	6536	254	+2	0.355 229	2834	110	−1
29	0.403 911	16047	125	+1	0.825 557	6280	256	0	0.358 063	2723	111	−3
30	−0.387 864	+16165	+118	−3	−0.831 837	−6022	+258	0	−0.360 786	−2612	+111	−5
Dez. 1	0.371 699	16279	114	+2	0.837 859	5762	260	−1	0.363 398	2498	114	+3
2	0.355 420	16388	109	+4	0.843 621	5501	261	−2	0.365 896	2385	113	−3
3	0.339 032	16491	103	0	0.849 122	5237	264	+3	0.368 281	2272	113	−5
4	0.322 541	16589	98	−2	0.854 359	4973	264	−2	0.370 553	2157	115	+2
5	0.305 952	16681	92	−5	0.859 332	4708	265	−4	0.372 710	2042	115	+3
6	−0.289 271	+16770	+ 89	+2	−0.864 040	−4440	+268	+2	−0.374 752	−1926	+116	+5
7	0.272 501	16852	82	−3	0.868 480	4173	267	−2	0.376 678	1810	116	+3
8	0.255 649	16930	78	0	0.872 653	3903	270	+3	0.378 488	1693	117	+3
9	0.238 719	17004	74	+3	0.876 556	3633	270	−1	0.380 181	1577	116	−2
10	0.221 715	17071	67	−3	0.880 189	3362	271	−2	0.381 758	1458	119	+4
11	0.204 644	17135	64	+3	0.883 551	3090	272	0	0.383 216	1341	117	−3
12	−0.187 509	+17194	+ 59	+3	−0.886 641	−2816	+274	+5	−0.384 557	−1222	+119	0
13	0.170 315	17247	53	−1	0.889 457	2541	275	+5	0.385 779	1103	119	0
14	0.153 068	17295	48	−1	0.891 998	2266	275	+1	0.386 882	983	120	+1
15	0.135 773	17339	44	+4	0.894 264	1989	277	+4	0.387 865	863	120	−2
16	0.118 434	17377	38	+2	0.896 253	1711	278	+3	0.388 728	743	120	−5
17	0.101 057	17410	33	+2	0.897 964	1433	278	−2	0.389 471	622	121	−3
18	−0.083 647	+17437	+ 27	−1	−0.899 397	−1154	+279	−1	−0.390 093	− 501	+121	−1
19	0.066 210	17459	22	+1	0.900 551	874	280	+2	0.390 594	379	122	+4
20	0.048 751	17476	17	+4	0.901 425	593	281	+5	0.390 973	257	122	+5
21	0.031 275	17487	11	+1	0.902 018	312	281	+3	0.391 230	135	122	+4
22	−0.013 788	17492	+ 5	−1	0.902 330	− 30	282	+2	0.391 365	− 13	122	+3
23	+0.003 704	17492	0	+2	0.902 360	+ 251	281	−4	0.391 378	+ 110	123	+5
24	+0.021 196	+17486	− 6	+1	−0.902 109	+ 533	+282	−3	−0.391 268	+ 232	+122	+1
25	0.038 682	17474	12	−1	0.901 576	815	282	−2	0.391 036	354	122	0
26	0.056 156	17456	18	0	0.900 761	1097	282	−2	0.390 682	477	123	+2
27	0.073 612	17433	23	+4	0.899 664	1378	281	−3	0.390 205	598	121	−4
28	0.091 045	17404	29	+3	0.898 286	1659	281	0	0.389 607	720	122	+1
29	0.108 449	17368	36	−1	0.896 627	1939	280	+1	0.388 887	842	122	+3
30	+0.125 817	+17328	− 40	+3	−0.894 688	+2219	+280	+4	−0.388 045	+ 962	+120	−1
31	0.143 145	+17281	47	0	0.892 469	+2497	278	−1	0.387 083	+1083	121	+4
32	+0.160 426		− 51	+5	−0.889 972		+276	−4	−0.386 000		+120	+4

*) *ΔX*, *ΔY*, *ΔZ* sind in Einheiten der 7. Dezimale gegeben.

Frühlingsäquinoktium	21. März	$13^h\ 18^m$		Herbstäquinoktium	23. Sept.	$23^h\ 39^m$
Sommersolstitium	22. Juni	8 38		Wintersolstitium	22. Dez.	18 37

Erdnähe 2. Jan. 8^h

Erdferne 4. Juli 2

Tag		0h Welt-Zeit			
		Aberration	Parallaxe	Mittlere Länge $L_\odot$	Mittlere Anomalie $M_\odot$
1935					
Jan.	−8	20.″81	8.″95	270.°8486	349.°03
	+2	20.82	8.95	280.7051	358.89
	12	20.81	8.95	290.5615	8.75
	22	20.80	8.94	300.4179	18.60
Febr.	1	20.77	8.93	310.2744	28.46
	11	20.74	8.92	320.1309	38.31
	21	20.70	8.90	329.9874	48.17
März	3	20.65	8.88	339.8438	58.03
	13	20.59	8.85	349.7003	67.88
	23	20.54	8.83	359.5568	77.74
April	2	20.48	8.80	9.4133	87.59
	12	20.42	8.78	19.2697	97.45
	22	20.36	8.75	29.1262	107.31
Mai	2	20.31	8.73	38.9827	117.16
	12	20.26	8.71	48.8391	127.02
	22	20.22	8.69	58.6956	136.87
Juni	1	20.19	8.68	68.5521	146.73
	11	20.16	8.67	78.4086	156.59
	21	20.14	8.66	88.2650	166.44
Juli	1	20.13	8.66	98.1215	176.30
	11	20.13	8.66	107.9780	186.15
	21	20.15	8.66	117.8345	196.01
	31	20.17	8.67	127.6909	205.87
Aug.	10	20.20	8.68	137.5474	215.72
	20	20.23	8.70	147.4039	225.58
	30	20.27	8.72	157.2604	235.43
Sept.	9	20.32	8.74	167.1168	245.29
	19	20.38	8.76	176.9733	255.15
	29	20.43	8.78	186.8298	265.00
Okt.	9	20.49	8.81	196.6862	274.86
	19	20.55	8.84	206.5427	284.71
	29	20.61	8.86	216.3992	294.57
Nov.	8	20.66	8.88	226.2557	304.43
	18	20.71	8.90	236.1121	314.28
	28	20.75	8.92	245.9686	324.14
Dez.	8	20.78	8.93	255.8251	333.99
	18	20.80	8.94	265.6816	343.85
	28	20.82	8.95	275.5380	353.71
	38	20.82	8.95	285.3945	3.56

Tag	0h Welt-Zeit									
	Scheinbare Rektaszension		Scheinbare Deklination		Parallaxe		Halbmesser		Länge	Breite
1935	h m s	m s	° ′	° ′	′ ″	″	′ ″	″	°	°
Jan. 0	13 46 41	52 19	−16 38.5	4 15.0	56 33.2	53.8	15 26.0	14.7	210.706	−5.256
1	14 39 0	56 55	−20 53.5	3 17.8	57 27.0	56.4	15 40.7	15.4	223.847	−5.132
2	15 35 55	61 19	−24 11.3	1 57.5	58 23.4	54.3	15 56.1	14.8	237.432	−4.721
3	16 37 14	64 26	−26 8.8	0 16.9	59 17.7	46.8	16 10.9	12.7	251.461	−4.019
4	17 41 40	65 17	−26 25.7	1 33.8	60 4.5	34.3	16 23.6	9.3	265.892	−3.046
5	18 46 57	63 41	−24 51.9	3 19.8	60 38.8	17.8	16 32.9	4.9	280.640	−1.849
6	19 50 38	60 32	−21 32.1	4 47.0	60 56.6	0.2	16 37.8	0.1	295.584	−0.510
7	20 51 10	56 55	−16 45.1	5 47.2	60 56.4	17.3	16 37.7	4.7	310.585	+0.871
8	21 48 5	53 49	−10 57.9	6 19.1	60 39.1	31.1	16 33.0	8.5	325.503	+2.186
9	22 41 54	51 42	− 4 38.8	6 25.6	60 8.0	40.6	16 24.5	11.0	340.219	+3.338
10	23 33 36	50 44	+ 1 46.8	6 10.7	59 27.4	45.3	16 13.5	12.4	354.648	+4.255
11	0 24 20	50 49	+ 7 57.5	5 38.4	58 42.1	46.2	16 1.1	12.5	8.739	+4.891
12	1 15 9	51 43	+13 35.9	4 51.1	57 55.9	44.2	15 48.6	12.1	22.476	+5.229
13	2 6 52	53 7	+18 27.0	3 51.1	57 11.7	40.2	15 36.5	10.9	35.869	+5.272
14	2 59 59	54 29	+22 18.1	2 40.6	56 31.5	35.5	15 25.6	9.7	48.944	+5.038
15	3 54 28	55 19	+24 58.7	1 23.0	55 56.0	30.5	15 15.9	8.3	61.736	+4.557
16	4 49 47	55 10	+26 21.7	0 2.8	55 25.5	25.7	15 7.6	7.0	74.285	+3.865
17	5 44 57	53 56	+26 24.5	1 14.5	54 59.8	21.1	15 0.6	5.8	86.627	+3.003
18	6 38 53	51 50	+25 10.0	2 23.7	54 38.7	16.8	14 54.8	4.5	98.796	+2.015
19	7 30 43	49 16	+22 46.3	3 22.0	54 21.9	12.4	14 50.3	3.4	110.827	+0.947
20	8 19 59	46 46	+19 24.3	4 7.8	54 9.5	7.8	14 46.9	2.1	122.749	−0.153
21	9 6 45	44 39	+15 16.5	4 41.3	54 1.7	2.4	14 44.8	0.7	134.594	−1.239
22	9 51 24	43 13	+10 35.2	5 3.7	53 59.3	3.6	14 44.1	1.0	146.399	−2.269
23	10 34 37	42 33	+ 5 31.5	5 15.8	54 2.9	10.7	14 45.1	2.9	158.204	−3.201
24	11 17 10	42 48	+ 0 15.7	5 18.5	54 13.6	18.7	14 48.0	5.1	170.055	−4.000
25	11 59 58	44 3	− 5 2.8	5 11.5	54 32.3	27.3	14 53.1	7.4	182.007	−4.632
26	12 44 1	46 16	−10 14.3	4 53.5	54 59.6	36.3	15 0.5	9.9	194.122	−5.067
27	13 30 17	49 30	−15 7.8	4 22.3	55 35.9	44.8	15 10.4	12.2	206.467	−5.279
28	14 19 47	53 30	−19 30.1	3 34.7	56 20.7	52.3	15 22.6	14.3	219.112	−5.245
29	15 13 17	57 50	−23 4.8	2 27.5	57 13.0	57.1	15 36.9	15.5	232.121	−4.945
30	16 11 7	61 37	−25 32.3	1 0.3	58 10.1	58.3	15 52.4	15.9	245.548	−4.371
31	17 12 44	63 55	−26 32.6	0 42.6	59 8.4	54.2	16 8.3	14.8	259.424	−3.527
Febr. 1	18 16 39	64 5	−25 50.0	2 30.4	60 2.6	44.5	16 23.1	12.1	273.748	−2.439
2	19 20 44	62 20	−23 19.6	4 9.7	60 47.1	29.0	16 35.2	7.9	288.474	−1.162
3	20 23 4	59 29	−19 9.9	5 28.0	61 16.1	9.8	16 43.1	2.7	303.509	+0.220
4	21 22 33	56 35	−13 41.9	6 18.1	61 25.9	10.8	16 45.8	2.9	318.717	+1.601
5	22 19 8	54 17	− 7 23.8	6 39.1	61 15.1	29.4	16 42.9	8.1	333.936	+2.867
6	23 13 25	52 57	− 0 44.7	6 32.9	60 45.7	43.8	16 34.8	11.9	349.002	+3.921
7	0 6 22	52 35	+ 5 48.2	6 3.9	60 1.9	52.6	16 22.9	14.3	3.773	+4.690
8	0 58 57	53 3	+11 52.1	5 16.3	59 9.3	55.9	16 8.6	15.3	18.148	+5.141
9	1 52 0	54 0	+17 8.4	4 14.5	58 13.4	54.5	15 53.3	14.8	32.078	+5.271
10	2 46 0		+21 22.9		57 18.9		15 38.5		45.557	+5.103

Tag	Obere Kulmination in Greenwich							0h Länge, + 50° Breite			
	AR.	Änderung für 1h westl. Länge	Dekl.	Änderung für 1h westl. Länge	Parallaxe	Zeit des Durchgangs	Änderung für 1h westl. Länge	Aufgang	Änderung für 1h westl. Länge	Untergang	Änderung für 1h westl. Länge
1935	h m s	s	° ′	′	′	h m	m	h m	m	h m	m
Jan. 0	14 2 26	133	−18 2.3	−11.4	56.8	7 26.3	2.05	2 44	3.1	11 58	1.0
1	14 58 9	146	−22 9.5	− 9.0	57.8	8 17.9	2.25	4 1	3.3	12 26	1.4
2	15 59 3	159	−25 7.3	− 5.6	58.7	9 14.7	2.47	5 20	3.2	13 4	1.9
3	17 4 33	168	−26 29.2	− 1.1	59.6	10 16.1	2.63	6 33	2.8	13 58	2.6
4	18 12 33	171	−25 55.3	+ 4.0	60.4	11 20.0	2.67	7 35	2.3	15 8	3.2
5	19 20 9	166	−23 21.1	+ 8.8	60.8	12 23.5	2.60	8 22	1.7	16 33	3.6
6	20 24 53	157	−19 0.9	+12.7	61.0	13 24.1	2.44	8 57	1.3	18 2	3.7
7	21 25 36	147	−13 23.0	+15.3	60.8	14 20.7	2.28	9 23	1.0	19 32	3.7
8	22 22 32	138	− 6 59.4	+16.5	60.3	15 13.6	2.14	9 44	0.8	20 58	3.5
9	23 16 40	133	− 0 20.1	+16.6	59.7	16 3.6	2.05	10 2	0.7	22 22	3.4
10	0 9 18	131	+ 6 10.0	+15.8	58.9	16 52.2	2.01	10 19	0.7	23 42	3.3
11	1 1 41	132	+12 10.7	+14.2	58.1	17 40.5	2.03	10 36	0.8	—	—
12	1 54 53	135	+17 25.1	+11.9	57.4	18 29.6	2.08	10 56	0.9	1 2	3.3
13	2 49 33	139	+21 38.4	+ 9.1	56.6	19 20.2	2.14	11 19	1.1	2 22	3.2
14	3 45 47	142	+24 38.3	+ 5.8	56.0	20 12.3	2.20	11 49	1.4	3 37	3.0
15	4 43 4	144	+26 15.9	+ 2.3	55.5	21 5.5	2.23	12 27	1.8	4 47	2.8
16	5 40 20	142	+26 27.3	− 1.3	55.0	21 58.7	2.20	13 15	2.2	5 49	2.4
17	6 36 20	137	+25 15.3	− 4.6	54.7	22 50.6	2.12	14 13	2.6	6 40	1.9
18	7 30 1	131	+22 48.7	− 7.5	54.4	23 40.2	2.01	15 18	2.8	7 19	1.4
19	— — —	—	— —	—	—	— —	—	16 27	2.9	7 49	1.1
20	8 20 53	124	+19 20.0	− 9.8	54.2	0 27.0	1.89	17 36	2.9	8 12	0.9
21	9 9 0	117	+15 3.3	−11.5	54.0	1 11.1	1.78	18 45	2.8	8 30	0.7
22	9 54 50	112	+10 12.1	−12.7	54.0	1 52.8	1.70	19 52	2.8	8 46	0.6
23	10 39 9	110	+ 4 58.4	−13.4	54.1	2 33.1	1.66	20 59	2.8	9 0	0.6
24	11 22 52	109	− 0 27.0	−13.7	54.3	3 12.8	1.65	22 6	2.8	9 14	0.6
25	12 6 59	112	− 5 53.9	−13.5	54.6	3 52.9	1.70	23 15	2.9	9 27	0.6
26	12 52 38	117	−11 12.0	−12.9	55.1	4 34.4	1.78	— —	—	9 43	0.7
27	13 40 56	125	−16 9.1	−11.7	55.8	5 18.7	1.92	0 26	3.0	10 1	0.9
28	14 33 0	136	−20 30.0	− 9.9	56.6	6 6.7	2.09	1 40	3.1	10 25	1.1
29	15 29 41	148	−23 55.6	− 7.1	57.5	6 59.3	2.29	2 56	3.1	10 56	1.6
30	16 31 9	159	−26 2.8	− 3.3	58.5	7 56.6	2.48	4 10	2.9	11 40	2.2
31	17 36 27	166	−26 29.3	+ 1.2	59.5	8 57.8	2.60	5 16	2.5	12 41	2.8
Febr. 1	18 43 29	168	−25 0.2	+ 6.2	60.4	10 0.7	2.62	6 10	2.0	13 56	3.4
2	19 49 44	163	−21 35.9	+10.7	61.0	11 2.9	2.54	6 51	1.5	15 24	3.8
3	20 53 17	155	−16 33.5	+14.3	61.4	12 2.3	2.41	7 22	1.1	16 56	3.8
4	21 53 29	146	−10 21.8	+16.5	61.4	12 58.4	2.27	7 46	0.9	18 26	3.7
5	22 50 43	140	− 3 34.0	+17.3	61.0	13 51.6	2.17	8 5	0.8	19 54	3.6
6	23 45 58	137	+ 3 18.4	+16.9	60.3	14 42.7	2.11	8 23	0.7	21 20	3.5
7	0 40 25	136	+ 9 48.5	+15.5	59.5	15 33.1	2.10	8 40	0.8	22 43	3.4
8	1 35 6	138	+15 34.3	+13.2	58.5	16 23.7	2.13	9 1	0.9	— —	—
9	2 30 42	140	+20 18.3	+10.4	57.6	17 15.2	2.17	9 23	1.0	0 5	3.4
10	3 27 28	143	+23 47.5	+ 7.0	56.7	18 7.9	2.22	9 51	1.3	1 24	3.2

Tag	Scheinbare Rektaszension	Diff.	Scheinbare Deklination	Diff.	Parallaxe	Diff.	Halbmesser	Diff.	Länge	Breite
	0h Welt-Zeit									
1935	h m s	m s	° ′	° ′	′ ″	″	′ ″	″	°	°
Febr. 10	2 46 0	54 59	+21 22.0	3 1.9	57 18.9	49.8	15 38.5	13.6	45.557	+5.103
11	3 40 59	55 34	+24 24.8	1 42.9	56 29.1	43.2	15 24.9	11.8	58.615	+4.673
12	4 36 33	55 18	+26 7.7	0 22.0	55 45.9	35.6	15 13.1	9.7	71.305	+4.024
13	5 31 51	54 4	+26 29.7	0 55.9	55 10.3	28.0	15 3.4	7.6	83.694	+3.200
14	6 25 55	52 5	+25 33.8	2 6.4	54 42.3	20.5	14 55.8	5.6	95.848	+2.246
15	7 18 0	49 39	+23 27.4	3 6.9	54 21.8	13.9	14 50.2	3.8	107.835	+1.207
16	8 7 39	47 13	+20 20.5	3 55.6	54 7.9	7.9	14 46.4	2.1	119.711	+0.126
17	8 54 52	45 7	+16 24.9	4 32.8	54 0.0	2.4	14 44.3	0.7	131.528	—0.954
18	9 39 59	43 36	+11 52.1	4 58.6	53 57.6	2.7	14 43.6	0.8	143.329	—1.989
19	10 23 35	42 49	+ 6 53.5	5 13.9	54 0.3	7.8	14 44.4	2.1	155.150	—2.938
20	11 6 24	42 48	+ 1 39.6	5 18.8	54 8.1	13.1	14 46.5	3.6	167.023	—3.762
21	11 49 12	43 40	— 3 39.2	5 13.5	54 21.2	18.8	14 50.1	5.1	178.978	—4.426
22	12 32 52	45 24	— 8 52.7	4 57.0	54 40.0	25.1	14 55.2	6.8	191.048	—4.900
23	13 18 16	47 59	—13 49.7	4 28.2	55 5.1	31.8	15 2.0	8.7	203.268	—5.157
24	14 6 15	51 18	—18 17.9	3 44.8	55 36.9	38.7	15 10.7	10.6	215.679	—5.179
25	14 57 33	55 0	—22 2.7	2 45.1	56 15.6	45.2	15 21.3	12.3	228.330	—4.952
26	15 52 33	58 29	—24 47.8	1 28.4	57 0.8	50.3	15 33.6	13.7	241.270	—4.471
27	16 51 2	61 2	—26 16.2	0 3.1	57 51.1	53.1	15 47.3	14.4	254.552	—3.742
28	17 52 4	62 2	—26 13.1	1 43.0	58 44.2	52.2	16 1.7	14.2	268.218	—2.782
März 1	18 54 6	61 24	—24 30.1	3 21.3	59 36.4	46.4	16 15.9	12.7	282.293	—1.629
2	19 55 30	59 37	—21 8.8	4 47.7	60 22.8	35.2	16 28.6	9.6	296.770	—0.341
3	20 55 7	57 24	—16 21.1	5 52.9	60 58.0	19.1	16 38.2	5.2	311.604	+0.997
4	21 52 31	55 31	—10 28.2	6 32.2	61 17.1	0.1	16 43.4	0.0	326.696	+2.287
5	22 48 2	54 21	— 3 56.0	6 43.3	61 17.0	19.8	16 43.4	5.4	341.907	+3.422
6	23 42 23	54 4	+ 2 47.3	6 27.5	60 57.2	37.1	16 38.0	10.2	357.068	+4.310
7	0 36 27	54 32	+ 9 14.8	5 47.6	60 20.1	49.7	16 27.8	13.5	12.010	+4.889
8	1 30 59	55 30	+15 2.4	4 48.0	59 30.4	56.6	16 14.3	15.4	26.591	+5.133
9	2 26 29	56 29	+19 50.4	3 34.0	58 33.8	58.1	15 58.9	15.8	40.720	+5.053
10	3 22 58	56 57	+23 24.4	2 11.3	57 35.7	55.0	15 43.1	15.0	54.358	+4.685
11	4 19 55	56 34	+25 35.7	0 46.4	56 40.7	48.6	15 28.1	13.3	67.518	+4.079
12	5 16 29	55 10	+26 22.1	0 35.2	55 52.1	40.4	15 14.8	11.0	80.249	+3.286
13	6 11 39	52 57	+25 46.9	1 48.5	55 11.7	31.1	15 3.8	8.4	92.624	+2.359
14	7 4 36	50 20	+23 58.4	2 51.2	54 40.6	21.9	14 55.4	6.0	104.728	+1.346
15	7 54 56	47 46	+21 7.2	3 42.3	54 18.7	13.0	14 49.4	3.5	116.646	+0.290
16	8 42 42	45 33	+17 24.9	4 21.9	54 5.7	5.0	14 45.9	1.4	128.458	—0.767
17	9 28 15	43 57	+13 3.0	4 50.8	54 0.7	2.1	14 44.5	0.6	140.237	—1.786
18	10 12 12	43 5	+ 8 12.2	5 9.4	54 2.8	8.0	14 45.1	2.1	152.042	—2.728
19	10 55 17	42 59	+ 3 2.8	5 18.1	54 10.8	13.2	14 47.2	3.6	163.921	—3.554
20	11 38 16	43 44	— 2 15.3	5 16.0	54 24.0	17.5	14 50.8	4.8	175.909	—4.229
21	12 22 0	45 17	— 7 31.3	5 2.4	54 41.5	21.5	14 55.6	5.9	188.030	—4.720
22	13 7 17	47 38	—12 33.7	4 36.0	55 3.0	25.2	15 1.5	6.8	200.303	—4.999
23	13 54 55		—17 9.7		55 28.2		15 8.3		212.741	—5.046

Tag	Obere Kulmination in Greenwich							0h Länge, + 50° Breite			
	AR.	Änderung für 1h westl. Länge	Dekl.	Änderung für 1h westl. Länge	Parallaxe	Zeit des Durchgangs	Änderung für 1h westl. Länge	Aufgang	Änderung für 1h westl. Länge	Untergang	Änderung für 1h westl. Länge
1935	h m s	s	° ′	′	′	h m	m	h m	m	h m	m
Febr. 10	3 27 28	143	+23 47.5	+ 7.0	56.7	18 7.9	2.22	9 51	1.3	1 24	3.2
11	4 25 1	144	+25 53.0	+ 3.4	55.9	19 1.4	2.23	10 27	1.7	2 38	2.9
12	5 22 29	143	+26 31.6	− 0.2	55.3	19 54.8	2.20	11 12	2.1	3 43	2.5
13	6 18 47	138	+25 45.6	− 3.6	54.8	20 47.0	2.13	12 6	2.4	4 38	2.0
14	7 12 56	132	+23 42.8	− 6.6	54.4	21 37.0	2.03	13 9	2.7	5 20	1.6
15	8 4 25	125	+20 34.6	− 9.0	54.1	22 24.5	1.92	14 17	2.9	5 53	1.2
16	8 53 14	119	+16 33.9	−10.9	54.0	23 9.2	1.81	15 26	2.9	6 17	0.9
17	9 39 44	114	+11 53.8	−12.3	54.0	23 51.6	1.73	16 34	2.8	6 37	0.8
18	— — —	—	— —	—	—	— —	—	17 42	2.8	6 54	0.6
19	10 24 34	111	+ 6 46.5	−13.2	54.0	0 32.4	1.68	18 49	2.8	7 8	0.6
20	11 8 32	110	+ 1 23.6	−13.6	54.1	1 12.3	1.66	19 56	2.8	7 22	0.6
21	11 52 34	111	− 4 4.0	−13.6	54.4	1 52.3	1.68	21 4	2.9	7 36	0.6
22	12 37 36	115	− 9 25.3	−13.1	54.7	2 33.3	1.75	22 14	3.0	7 50	0.7
23	13 24 38	121	−14 28.3	−12.1	55.2	3 16.3	1.85	23 26	3.0	8 8	0.8
24	14 14 38	129	−18 59.2	−10.4	55.7	4 2.2	1.99	— —	—	8 29	1.0
25	15 8 24	140	−22 41.5	− 8.0	56.4	4 51.9	2.16	0 40	3.1	8 57	1.4
26	16 6 18	150	−25 16.7	− 4.8	57.2	5 45.7	2.32	1 53	2.9	9 34	1.8
27	17 7 55	158	−26 25.1	− 0.8	58.1	6 43.2	2.46	3 0	2.6	10 25	2.5
28	18 12 0	162	−25 51.0	+ 3.7	59.0	7 43.2	2.52	3 58	2.1	11 32	3.0
März 1	19 16 35	161	−23 27.9	+ 8.2	59.9	8 43.7	2.50	4 43	1.6	12 51	3.5
2	20 19 53	156	−19 21.7	+12.2	60.6	9 42.9	2.42	5 18	1.3	14 19	3.7
3	21 20 53	149	−13 50.9	+15.2	61.1	10 39.8	2.32	5 45	1.0	15 48	3.7
4	22 19 29	144	− 7 22.3	+17.0	61.3	11 34.3	2.23	6 6	0.9	17 18	3.7
5	23 16 19	141	− 0 26.4	+17.5	61.2	12 27.0	2.18	6 26	0.8	18 46	3.6
6	0 12 22	140	+ 6 25.9	+16.7	60.6	13 19.0	2.17	6 44	0.8	20 12	3.6
7	1 8 35	141	+12 46.4	+14.8	59.9	14 11.1	2.19	7 4	0.9	21 38	3.5
8	2 5 42	144	+18 11.2	+12.1	58.9	15 4.2	2.23	7 25	1.0	23 1	3.4
9	3 3 59	147	+22 21.7	+ 8.7	57.9	15 58.3	2.28	7 52	1.3	— —	—
10	4 3 2	148	+25 5.7	+ 4.9	56.9	16 53.3	2.29	8 25	1.6	0 20	3.1
11	5 1 59	146	+26 18.1	+ 1.1	56.1	17 48.1	2.26	9 8	2.0	1 31	2.7
12	5 59 37	142	+26 1.3	− 2.5	55.3	18 41.7	2.19	10 0	2.4	2 31	2.2
13	6 54 58	135	+24 23.6	− 5.6	54.8	19 33.0	2.08	11 1	2.6	3 18	1.7
14	7 47 28	128	+21 36.7	− 8.2	54.4	20 21.4	1.95	12 7	2.8	3 54	1.3
15	8 37 5	121	+17 53.9	−10.3	54.1	21 6.9	1.84	13 16	2.9	4 22	1.0
16	9 24 13	115	+13 28.0	−11.8	54.0	21 50.0	1.75	14 24	2.8	4 43	0.8
17	10 9 32	112	+ 8 30.8	−12.9	54.0	22 31.3	1.70	15 32	2.8	5 1	0.7
18	10 53 50	110	+ 3 13.4	−13.5	54.2	23 11.5	1.67	16 39	2.8	5 16	0.6
19	11 38 1	111	− 2 13.4	−13.7	54.4	23 51.7	1.69	17 46	2.8	5 30	0.6
20	— — —	—	— —	—	—	— —	—	18 54	2.9	5 44	0.6
21	12 23 0	114	− 7 38.3	−13.3	54.7	0 32.6	1.73	20 4	3.0	5 59	0.6
22	13 9 42	120	−12 48.9	−12.5	55.1	1 15.2	1.83	21 16	3.0	6 15	0.8
23	13 59 2	127	−17 31.2	−11.0	55.5	2 0.5	1.95	22 29	3.0	6 35	1.0

Tag	0h Welt-Zeit Scheinbare Rektaszension h m s	Diff. m s	Scheinbare Deklination ° ′	Diff. ° ′	Parallaxe ′ ″	Diff. ″	Halbmesser ′ ″	Diff. ″	Länge °	Breite °
1935										
März 23	13 54 55	50 36	−17 9.7	3 55.1	55 28.2	29.0	15 8.3	7.9	212.741	−5.046
24	14 45 31	53 51	−21 4.8	2 58.5	55 57.2	32.7	15 16.2	8.9	225.357	−4.849
25	15 39 22	56 55	−24 3.3	1 46.2	56 29.9	36.5	15 25.1	10.0	238.170	−4.408
26	16 36 17	59 11	−25 49.5	0 21.0	57 6.4	39.6	15 35.1	10.8	251.204	−3.732
27	17 35 28	60 6	−26 10.5	$\overline{1\ 11.9}$	57 46.0	41.5	15 45.9	11.3	264.489	−2.842
28	18 35 34	59 39	−24 58.6	2 44.5	58 27.5	41.3	15 57.2	11.2	278.058	−1.775
29	19 35 13	58 10	−22 14.1	4 8.7	59 8.8	38.1	16 8.4	10.4	291.937	−0.581
30	20 33 23	56 18	−18 5.4	5 17.4	59 46.9	31.0	16 18.8	8.5	306.139	+0.676
31	21 29 41	54 44	−12 48.0	6 6.1	60 17.9	19.9	16 27.3	5.4	320.648	+1.914
April 1	22 24 25	53 48	− 6 41.9	6 31.3	60 37.8	5.4	16 32.7	1.5	335.410	+3.043
2	23 18 13	53 45	− 0 10.6	6 31.5	60 43.2	$\overline{10.9}$	16 34.2	$\overline{3.0}$	350.329	+3.975
3	0 11 58	54 32	+ 6 20.9	6 6.6	60 32.3	26.8	16 31.2	7.3	5.272	+4.635
4	1 6 30	55 53	+12 27.5	5 18.1	60 5.5	40.1	16 23.9	11.0	20.086	+4.977
5	2 2 23	57 22	+17 45.6	4 9.6	59 25.4	49.3	16 12.9	13.4	34.627	+4.988
6	2 59 45	58 20	+21 55.2	2 47.3	58 36.1	53.7	15 59.5	14.6	48.782	+4.689
7	3 58 5	58 19	+24 42.5	1 18.5	57 42.4	53.1	15 44.9	14.5	62.486	+4.125
8	4 56 24	57 3	+26 1.0	$\overline{0\ 8.5}$	56 49.3	48.9	15 30.4	13.3	75.724	+3.353
9	5 53 27	54 43	+25 52.5	1 27.6	56 0.4	41.6	15 17.1	11.3	88.526	+2.434
10	6 48 10	51 47	+24 24.9	2 34.7	55 18.8	32.6	15 5.8	8.9	100.953	+1.422
11	7 39 57	48 50	+21 50.2	3 28.8	54 46.2	22.6	14 56.9	6.2	113.087	+0.369
12	8 28 47	46 17	+18 21.4	4 10.7	54 23.6	12.6	14 50.7	3.4	125.018	−0.684
13	9 15 4	44 22	+14 10.7	4 41.6	54 11.0	2.9	14 47.3	0.8	136.838	−1.696
14	9 59 26	43 15	+ 9 29.1	5 2.6	54 8.1	$\overline{5.7}$	14 46.5	$\overline{1.6}$	148.632	−2.631
15	10 42 41	43 1	+ 4 26.5	5 14.3	54 13.8	13.3	14 48.1	3.6	160.478	−3.455
16	11 25 42	43 38	− 0 47.8	5 16.1	54 27.1	19.3	14 51.7	5.2	172.438	−4.134
17	12 9 20	45 10	− 6 3.9	5 6.8	54 46.4	23.9	14 56.9	6.5	184.558	−4.635
18	12 54 30	47 29	−11 10.7	4 44.7	55 10.3	27.0	15 3.4	7.4	196.871	−4.928
19	13 41 59	50 27	−15 55.4	4 7.5	55 37.3	28.8	15 10.8	7.8	209.391	−4.990
20	14 32 26	53 46	−20 2.9	3 13.8	56 6.1	29.6	15 18.6	8.1	222.118	−4.807
21	15 26 12	56 49	−23 16.7	2 3.6	56 35.7	29.9	15 26.7	8.2	235.047	−4.376
22	16 23 1	59 2	−25 20.3	0 39.6	57 5.6	29.5	15 34.9	8.0	248.167	−3.708
23	17 22 3	59 50	−25 59.9	$\overline{0\ 51.8}$	57 35.1	29.0	15 42.9	7.9	261.469	−2.830
24	18 21 53	59 9	−25 8.1	2 22.4	58 4.1	28.0	15 50.8	7.6	274.952	−1.780
25	19 21 2	57 26	−22 45.7	3 44.4	58 32.1	26.1	15 58.4	7.1	288.621	−0.613
26	20 18 28	55 18	−19 1.3	4 51.9	58 58.2	23.0	16 5.5	6.3	302.484	+0.608
27	21 13 46	53 29	−14 9.4	5 41.3	59 21.2	18.1	16 11.8	4.9	316.546	+1.809
28	22 7 15	52 21	− 8 28.1	6 11.2	59 39.3	10.9	16 16.7	3.0	330.800	+2.914
29	22 59 36	52 12	− 2 16.9	6 20.1	59 50.2	1.8	16 19.7	0.5	345.215	+3.845
30	23 51 48	52 58	+ 4 3.2	6 7.0	59 52.0	$\overline{9.2}$	16 20.2	$\overline{2.5}$	359.733	+4.535
Mai 1	0 44 46	54 34	+10 10.2	5 31.7	59 42.8	20.6	16 17.7	5.6	14.268	+4.932
2	1 39 20	56 30	+15 41.9	4 34.9	59 22.2	31.1	16 12.1	8.5	28.711	+5.012
3	2 35 50		+20 16.8		58 51.1		16 3.6		42.952	+4.777

Tag	Obere Kulmination in Greenwich							0h Länge, + 50° Breite			
	AR.	Änderung für 1h westl. Länge	Dekl.	Änderung für 1h westl. Länge	Parallaxe	Zeit des Durchgangs	Änderung für 1h westl. Länge	Aufgang	Änderung für 1h westl. Länge	Untergang	Änderung für 1h westl. Länge
1935	h m s	s	° ′	′	′	h m	m	h m	m	h m	m
März 23	13 59 2	127	−17 31.2	−11.0	55.5	2 0.5	1.95	22 29	3.0	6 35	1.0
24	14 51 39	136	−21 29.0	− 8.7	56.0	2 49.0	2.10	23 42	2.9	7 1	1.3
25	15 47 55	145	−24 24.7	− 5.8	56.6	3 41.2	2.25	— —	—	7 35	1.7
26	16 47 31	152	−26 0.5	− 2.1	57.2	4 36.7	2.37	0 50	2.7	8 21	2.2
27	17 49 24	156	−26 2.2	+ 2.0	57.9	5 34.5	2.43	1 50	2.3	9 21	2.8
28	18 51 56	156	−24 22.6	+ 6.3	58.6	6 32.9	2.43	2 38	1.8	10 33	3.2
29	19 53 36	152	−21 4.7	+10.2	59.4	7 30.5	2.36	3 16	1.4	11 54	3.5
30	20 53 23	147	−16 20.8	+13.4	60.0	8 26.2	2.28	3 44	1.1	13 20	3.6
31	21 51 7	142	−10 30.2	+15.7	60.5	9 19.8	2.20	4 8	0.9	14 46	3.6
April 1	22 47 20	139	− 3 57.3	+16.9	60.7	10 12.0	2.15	4 28	0.8	16 12	3.6
2	23 42 56	139	+ 2 51.3	+17.0	60.7	11 3.5	2.15	4 46	0.8	17 38	3.6
3	0 38 55	141	+ 9 27.7	+15.9	60.3	11 55.4	2.18	5 5	0.8	19 4	3.6
4	1 36 8	145	+15 24.7	+13.7	59.8	12 48.5	2.25	5 26	1.0	20 30	3.5
5	2 35 1	149	+20 17.7	+10.6	59.0	13 43.4	2.32	5 51	1.1	21 53	3.3
6	3 35 19	152	+23 47.8	+ 6.8	58.1	14 39.5	2.36	6 21	1.5	23 10	3.0
7	4 36 5	151	+25 43.7	+ 2.8	57.1	15 36.2	2.35	7 1	1.9	— —	—
8	5 35 54	147	+26 4.1	− 1.1	56.2	16 31.9	2.28	7 50	2.3	0 18	2.5
9	6 33 27	140	+24 56.1	− 4.5	55.5	17 25.3	2.16	8 50	2.6	1 11	2.0
10	7 27 51	132	+22 32.6	− 7.3	54.9	18 15.6	2.03	9 55	2.8	1 52	1.5
11	8 18 56	124	+19 8.3	− 9.6	54.5	19 2.7	1.90	11 4	2.9	2 23	1.1
12	9 7 5	117	+14 57.3	−11.3	54.2	19 46.8	1.78	12 13	2.9	2 47	0.9
13	9 53 0	113	+10 12.0	−12.4	54.1	20 28.6	1.71	13 21	2.8	3 6	0.7
14	10 37 35	111	+ 5 3.2	−13.2	54.2	21 9.1	1.68	14 28	2.8	3 22	0.6
15	11 21 47	111	− 0 19.0	−13.6	54.4	21 49.3	1.68	15 35	2.8	3 36	0.6
16	12 6 35	114	− 5 44.3	−13.5	54.8	22 30.0	1.73	16 42	2.9	3 51	0.6
17	12 52 58	119	−11 0.8	−12.8	55.2	23 12.4	1.81	17 52	2.9	4 5	0.6
18	13 41 53	126	−15 54.9	−11.6	55.6	23 57.2	1.93	19 3	3.0	4 22	0.8
19	— — —	—	— —	—	—	— —	—	20 17	3.1	4 41	0.9
20	14 34 5	135	−20 10.0	− 9.6	56.1	0 45.3	2.08	21 31	3.0	5 5	1.2
21	15 29 56	144	−23 27.5	− 6.8	56.6	1 37.1	2.23	22 42	2.8	5 38	1.6
22	16 29 11	152	−25 28.6	− 3.2	57.1	2 32.3	2.35	23 44	2.4	6 20	2.0
23	17 30 45	155	−25 58.1	+ 0.8	57.7	3 29.7	2.42	— —	—	7 16	2.6
24	18 32 58	155	−24 48.3	+ 5.0	58.2	4 27.8	2.41	0 36	1.9	8 24	3.0
25	19 34 10	151	−22 1.7	+ 8.8	58.6	5 25.0	2.34	1 16	1.5	9 42	3.3
26	20 33 15	145	−17 50.1	+12.0	59.1	6 20.0	2.24	1 46	1.1	11 4	3.4
27	21 30 0	139	−12 31.2	+14.4	59.5	7 12.6	2.15	2 10	0.9	12 27	3.5
28	22 24 54	136	− 6 25.7	+15.9	59.7	8 3.4	2.09	2 31	0.8	13 50	3.5
29	23 18 54	135	+ 0 4.0	+16.4	59.9	8 53.3	2.08	2 50	0.8	15 13	3.5
30	0 13 7	137	+ 6 34.8	+16.0	59.8	9 43.5	2.11	3 8	0.8	16 37	3.5
Mai 1	1 8 36	141	+12 42.1	+14.5	59.6	10 34.9	2.18	3 28	0.9	18 1	3.5
2	2 6 5	147	+18 1.6	+12.0	59.1	11 28.3	2.27	3 50	1.0	19 24	3.4
3	3 5 45	152	+22 10.4	+ 8.6	58.5	12 23.9	2.35	4 18	1.3	20 45	3.2

Tag	0h Welt-Zeit: Scheinbare Rektaszension		Scheinbare Deklination		Parallaxe		Halbmesser		Länge	Breite
1935	h m s	m s	° ′	° ′	′ ″	″	′ ″	″	°	°
Mai 3	2 35 50	58 16	+20 16.8	3 20.0	58 51.1	39.4	16 3.6	10.7	42.952	+4.777
4	3 34 6	59 6	+23 36.8	1 53.2	58 11.7	44.4	15 52.9	12.1	56.893	+4.260
5	4 33 12	58 34	+25 30.0	0 23.1	57 27.3	45.8	15 40.8	12.5	70.467	+3.511
6	5 31 46	56 37	+25 53.1	1 1.9	56 41.5	43.6	15 28.3	11.9	83.646	+2.591
7	6 28 23	53 42	+24 51.2	2 15.4	55 57.9	38.3	15 16.4	10.4	96.437	+1.563
8	7 22 5	50 27	+22 35.8	3 14.7	55 19.6	30.7	15 6.0	8.4	108.882	+0.484
9	8 12 32	47 28	+19 21.1	4 0.0	54 48.9	21.4	14 57.6	5.8	121.047	−0.595
10	9 0 0	45 5	+15 21.1	4 33.1	54 27.5	11.4	14 51.8	3.1	133.011	−1.631
11	9 45 5	43 32	+10 48.0	4 55.8	54 16.1	0.9	14 48.7	0.3	144.862	−2.588
12	10 28 37	42 56	+ 5 52.2	5 9.1	54 15.2	8.9	14 48.4	2.5	156.690	−3.431
13	11 11 33	43 15	+ 0 43.1	5 13.7	54 24.1	18.0	14 50.9	4.9	168.579	−4.129
14	11 54 48	44 34	− 4 30.6	5 8.3	54 42.1	25.5	14 55.8	6.9	180.607	−4.653
15	12 39 22	46 48	− 9 38.9	4 51.4	55 7.6	31.2	15 2.7	8.5	192.833	−4.975
16	13 26 10	49 50	−14 30.3	4 20.1	55 38.8	34.7	15 11.2	9.5	205.305	−5.068
17	14 16 0	53 23	−18 50.4	3 31.9	56 13.5	35.8	15 20.7	9.7	218.046	−4.914
18	15 9 23	56 54	−22 22.3	2 25.5	56 49.3	34.6	15 30.4	9.5	231.061	−4.505
19	16 6 17	59 37	−24 47.8	1 2.6	57 23.9	31.6	15 39.9	8.6	244.333	−3.846
20	17 5 54	60 51	−25 50.4	0 30.5	57 55.5	27.0	15 48.5	7.3	257.834	−2.961
21	18 6 45	60 19	−25 19.9	2 4.6	58 22.5	21.7	15 55.8	5.9	271.526	−1.892
22	19 7 4	58 24	−23 15.3	3 29.8	58 44.2	16.2	16 1.7	4.5	285.370	−0.697
23	20 5 28	55 51	−19 45.5	4 39.2	59 0.4	10.9	16 6.2	2.9	299.333	+0.552
24	21 1 19	53 28	−15 6.3	5 29.3	59 11.3	5.8	16 9.1	1.6	313.387	+1.777
25	21 54 47	51 46	− 9 37.0	5 59.7	59 17.1	0.9	16 10.7	0.2	327.511	+2.900
26	22 46 33	51 3	− 3 37.3	6 10.3	59 18.0	4.1	16 10.9	1.1	341.682	+3.850
27	23 37 36	51 25	+ 2 33.0	6 1.7	59 13.9	9.5	16 9.8	2.6	355.875	+4.565
28	0 29 1	52 42	+ 8 34.7	5 33.6	59 4.4	15.4	16 7.2	4.2	10.052	+5.000
29	1 21 43	54 39	+14 8.3	4 46.4	58 49.0	21.4	16 3.0	5.8	24.164	+5.130
30	2 16 22	56 46	+18 54.7	3 41.0	58 27.6	27.3	15 57.2	7.4	38.153	+4.953
31	3 13 8	58 19	+22 35.7	2 21.1	58 0.3	32.3	15 49.8	8.8	51.955	+4.488
Juni 1	4 11 27	58 42	+24 56.8	0 53.4	57 28.0	35.6	15 41.0	9.7	65.514	+3.776
2	5 10 9	57 35	+25 50.2	0 33.9	56 52.4	36.7	15 31.3	10.0	78.786	+2.871
3	6 7 44	55 11	+25 16.3	1 52.7	56 15.7	35.6	15 21.3	9.7	91.750	+1.835
4	7 2 55	52 2	+23 23.6	2 58.1	55 40.1	31.8	15 11.6	8.7	104.407	+0.728
5	7 54 57	48 51	+20 25.5	3 48.7	55 8.3	25.9	15 2.9	7.0	116.781	−0.391
6	8 43 48	46 5	+16 36.8	4 25.4	54 42.4	18.0	14 55.9	5.0	128.920	−1.473
7	9 29 53	44 4	+12 11.4	4 50.1	54 24.4	8.9	14 50.9	2.4	140.885	−2.477
8	10 13 57	42 58	+ 7 21.3	5 4.8	54 15.5	1.2	14 48.5	0.4	152.750	−3.366
9	10 56 55	42 49	+ 2 16.5	5 10.8	54 16.7	11.6	14 48.9	3.1	164.596	−4.109
10	11 39 44	43 41	− 2 54.3	5 7.8	54 28.3	21.5	14 52.0	5.9	176.506	−4.679
11	12 23 25	45 33	− 8 2.1	4 54.9	54 49.8	30.5	14 57.9	8.3	188.560	−5.052
12	13 8 58	48 22	−12 57.0	4 29.7	55 20.3	37.8	15 6.2	10.3	200.832	−5.202
13	13 57 20		−17 26.7		55 58.1		15 16.5		213.383	−5.110

Tag	Obere Kulmination in Greenwich							0h Länge, + 50° Breite			
	AR.	Änderung für 1h westl. Länge	Dekl.	Änderung für 1h westl. Länge	Parallaxe	Zeit des Durchgangs	Änderung für 1h westl. Länge	Aufgang	Änderung für 1h westl. Länge	Untergang	Änderung für 1h westl. Länge
1935	h m s	s	° ′	′	′	h m	m	h m	m	h m	m
Mai 3	3 5 45	152	+22 10.4	+ 8.6	58.5	12 23.9	2.35	4 18	1.3	20 45	3.2
4	4 6 57	154	+24 50.9	+ 4.7	57.8	13 21.0	2.39	4 54	1.7	21 58	2.8
5	5 8 16	152	+25 54.5	+ 0.6	57.0	14 18.2	2.36	5 39	2.1	22 58	2.2
6	6 7 59	146	+25 23.0	— 3.2	56.2	15 13.8	2.26	6 36	2.5	23 45	1.7
7	7 4 47	138	+23 27.6	— 6.3	55.5	16 6.5	2.12	7 40	2.8	— —	—
8	7 58 0	129	+20 23.8	— 8.9	55.0	16 55.6	1.98	8 49	2.9	0 21	1.3
9	8 47 46	121	+16 27.9	—10.7	54.5	17 41.4	1.84	9 58	2.9	0 48	1.0
10	9 34 44	115	+11 54.0	—12.0	54.3	18 24.2	1.74	11 7	2.8	1 9	0.8
11	10 19 48	111	+ 6 54.2	—12.9	54.2	19 5.2	1.68	12 14	2.8	1 26	0.7
12	11 3 57	110	+ 1 38.3	—13.4	54.3	19 45.3	1.67	13 21	2.8	1 42	0.6
13	11 48 18	112	— 3 44.0	—13.4	54.6	20 25.6	1.70	14 28	2.8	1 56	0.6
14	12 33 55	117	— 9 2.6	—13.0	55.1	21 7.2	1.78	15 36	2.9	2 11	0.6
15	13 21 52	124	—14 5.3	—12.1	55.6	21 51.1	1.89	16 47	3.0	2 26	0.7
16	14 13 5	133	—18 36.8	—10.4	56.2	22 38.2	2.05	18 0	3.1	2 45	0.8
17	15 8 13	143	—22 18.4	— 7.9	56.8	23 29.3	2.21	19 15	3.1	3 6	1.1
18	— — —	—	— —	—	—	— —	—	20 28	2.9	3 37	1.5
19	16 7 17	152	—24 49.6	— 4.5	57.4	0 24.3	2.36	21 35	2.6	4 16	1.9
20	17 9 22	158	—25 51.2	— 0.5	58.0	1 22.3	2.45	22 32	2.1	5 9	2.5
21	18 12 44	158	—25 11.7	+ 3.8	58.4	2 21.5	2.46	23 16	1.6	6 15	3.0
22	19 15 19	154	—22 51.0	+ 7.8	58.8	3 20.0	2.39	23 49	1.2	7 32	3.3
23	20 15 36	147	—19 0.4	+11.2	59.0	4 16.2	2.28	— —	—	8 53	3.4
24	21 13 0	140	—13 59.1	+13.7	59.2	5 9.5	2.17	0 15	1.0	10 16	3.4
25	22 7 51	135	— 8 9.1	+15.3	59.3	6 0.3	2.08	0 36	0.8	11 38	3.4
26	23 1 5	132	— 1 52.3	+16.0	59.3	6 49.4	2.03	0 55	0.8	12 59	3.4
27	23 53 52	132	+ 4 29.5	+15.7	59.2	7 38.1	2.04	1 13	0.8	14 20	3.4
28	0 47 24	136	+10 36.5	+14.6	59.0	8 27.6	2.10	1 31	0.8	15 41	3.4
29	1 42 40	141	+16 6.1	+12.7	58.7	9 18.8	2.18	1 52	1.0	17 3	3.4
30	2 40 16	147	+20 37.6	+ 9.8	58.3	10 12.3	2.28	2 17	1.2	18 23	3.3
31	3 40 3	151	+23 51.7	+ 6.3	57.8	11 8.0	2.35	2 49	1.5	19 39	3.0
Juni 1	4 41 3	153	+25 34.8	+ 2.3	57.2	12 4.9	2.37	3 30	1.9	20 45	2.5
2	5 41 38	149	+25 42.2	— 1.6	56.5	13 1.4	2.32	4 22	2.4	21 37	1.9
3	6 40 7	142	+24 19.7	— 5.1	55.9	13 55.7	2.20	5 24	2.7	22 18	1.5
4	7 35 21	134	+21 40.7	— 8.0	55.3	14 46.9	2.05	6 31	2.9	22 48	1.1
5	8 27 0	125	+18 1.9	—10.1	54.8	15 34.5	1.91	7 42	2.9	23 12	0.9
6	9 15 23	117	+13 39.6	—11.6	54.5	16 18.8	1.79	8 52	2.9	23 31	0.7
7	10 1 17	112	+ 8 47.8	—12.6	54.3	17 0.6	1.70	10 0	2.8	23 47	0.6
8	10 45 40	110	+ 3 37.6	—13.2	54.3	17 41.0	1.67	11 7	2.8	— —	—
9	11 29 37	110	— 1 41.0	—13.3	54.4	18 20.9	1.67	12 13	2.8	0 2	0.6
10	12 14 14	113	— 6 59.0	—13.1	54.7	19 1.4	1.72	13 20	2.8	0 16	0.6
11	13 0 41	119	—12 6.0	—12.4	55.2	19 43.8	1.82	14 29	2.9	0 31	0.7
12	13 50 2	128	—16 49.3	—11.1	55.9	20 29.1	1.96	15 40	3.0	0 48	0.8
13	14 43 15	138	—20 52.6	— 9.0	56.6	21 18.2	2.14	16 54	3.1	1 8	1.0

Tag	0ʰ Welt-Zeit									
	Scheinbare Rektaszension		Scheinbare Deklination		Parallaxe		Halbmesser		Länge	Breite
1935	h m s	m s	° ′	° ′	′ ″	″	′ ″	″	°	°
Juni 13	13 57 20	51 57	−17 26.7	3 49.0	55 58.1	42.8	15 16.5	11.6	213.383	−5.110
14	14 49 17	55 52	−21 15.7	2 50.2	56 40.9	44.6	15 28.1	12.2	226.256	−4.761
15	15 45 9	59 23	−24 5.9	1 32.6	57 25.5	43.0	15 40.3	11.7	239.470	−4.153
16	16 44 32	61 36	−25 38.5	0 0.2	58 8.5	38.1	15 52.0	10.4	253.020	−3.299
17	17 46 8	61 59	−25 38.7	1 38.5	58 46.6	30.0	16 2.4	8.2	266.874	−2.233
18	18 48 7	60 31	−24 0.2	3 11.7	59 16.6	20.1	16 10.6	5.4	280.976	−1.012
19	19 48 38	57 56	−20 48.5	4 29.4	59 36.7	9.4	16 16.0	2.6	295.256	+0.290
20	20 46 34	55 8	−16 19.1	5 26.0	59 46.1	0.7	16 18.6	0.2	309.638	+1.584
21	21 41 42	52 49	−10 53.1	5 59.7	59 45.4	9.5	16 18.4	2.6	324.047	+2.781
22	22 34 31	51 27	− 4 53.4	6 11.8	59 35.9	16.2	16 15.8	4.4	338.419	+3.800
23	23 25 58	51 7	+ 1 18.4	6 3.9	59 19.7	21.1	16 11.4	5.7	352.700	+4.576
24	0 17 5	51 49	+ 7 22.3	5 37.5	58 58.6	24.3	16 5.7	6.7	6.849	+5.067
25	1 8 54	53 19	+12 59.8	4 53.8	58 34.3	26.7	15 59.0	7.2	20.836	+5.251
26	2 2 13	55 13	+17 53.6	3 53.9	58 7.6	28.2	15 51.8	7.7	34.636	+5.128
27	2 57 26	56 55	+21 47.5	2 40.1	57 39.4	29.4	15 44.1	8.0	48.229	+4.718
28	3 54 21	57 48	+24 27.6	1 17.1	57 10.0	30.1	15 36.1	8.2	61.602	+4.057
29	4 52 9	57 23	+25 44.7	0 8.6	56 39.9	30.4	15 27.9	8.3	74.741	+3.190
30	5 49 32	55 39	+25 36.1	1 29.3	56 9.5	29.7	15 19.6	8.1	87.640	+2.175
Juli 1	6 45 11	52 58	+24 6.8	2 39.2	55 39.8	27.8	15 11.5	7.6	100.302	+1.068
2	7 38 9	49 54	+21 27.6	3 34.9	55 12.0	24.6	15 3.9	6.7	112.735	−0.071
3	8 28 3	47 2	+17 52.7	4 16.3	54 47.4	19.7	14 57.2	5.4	124.962	−1.190
4	9 15 5	44 45	+13 36.4	4 44.6	54 27.7	13.3	14 51.8	3.6	137.016	−2.240
5	9 59 50	43 14	+ 8 51.8	5 1.6	54 14.4	5.5	14 48.2	1.5	148.941	−3.181
6	10 43 4	42 36	+ 3 50.2	5 8.8	54 8.9	3.4	14 46.7	1.0	160.792	−3.980
7	11 25 40	42 57	− 1 18.6	5 7.3	54 12.3	13.3	14 47.7	3.6	172.635	−4.608
8	12 8 37	44 16	− 6 25.9	4 56.5	54 25.6	23.4	14 51.3	6.3	184.539	−5.042
9	12 52 53	46 34	−11 22.4	4 35.5	54 49.0	33.1	14 57.6	9.1	196.582	−5.262
10	13 39 27	49 46	−15 57.9	4 1.4	55 22.1	41.8	15 6.7	11.4	208.838	−5.248
11	14 29 13	53 35	−19 59.3	3 11.4	56 3.9	48.5	15 18.1	13.2	221.379	−4.988
12	15 22 48	57 30	−23 10.7	2 3.3	56 52.4	52.3	15 31.3	14.2	234.265	−4.474
13	16 20 18	60 41	−25 14.0	0 37.8	57 44.7	52.0	15 45.5	14.2	247.540	−3.709
14	17 20 59	62 20	−25 51.8	0 59.8	58 36.7	47.2	15 59.7	12.9	261.220	−2.712
15	18 23 19	62 6	−24 52.0	2 39.2	59 23.9	37.9	16 12.6	10.3	275.291	−1.525
16	19 25 25	60 15	−22 12.8	4 8.4	60 1.8	24.8	16 22.9	6.7	289.701	−0.214
17	20 25 40	57 38	−18 4.4	5 17.7	60 26.6	9.5	16 29.6	2.6	304.365	+1.134
18	21 23 18	55 7	−12 46.7	6 2.2	60 36.1	5.9	16 32.2	1.6	319.175	+2.419
19	22 18 25	53 16	− 6 44.5	6 21.5	60 30.2	19.2	16 30.6	5.2	334.007	+3.542
20	23 11 41	52 23	− 0 23.0	6 17.0	60 11.0	29.6	16 25.4	8.1	348.743	+4.423
21	0 4 4	52 28	+ 5 54.0	5 51.5	59 41.4	36.1	16 17.3	9.8	3.284	+5.007
22	0 56 32	53 25	+11 45.5	5 8.0	59 5.3	39.2	16 7.5	10.7	17.560	+5.269
23	1 49 57	54 49	+16 53.5	4 8.7	58 26.1	39.6	15 56.8	10.8	31.529	+5.212
24	2 44 46		+21 2.2		57 46.5		15 46.0		45.180	+4.859

Tag	Obere Kulmination in Greenwich							0h Länge, + 50° Breite			
	AR.	Änderung für 1h westl. Länge	Dekl.	Änderung für 1h westl. Länge	Parallaxe	Zeit des Durchgangs	Änderung für 1h westl. Länge	Aufgang	Änderung für 1h westl. Länge	Untergang	Änderung für 1h westl. Länge
1935	h m s	s	° ′	′	′	h m	m	h m	m	h m	m
Juni 13	14 43 15	138	−20 52.6	− 9.0	56.6	21 18.2	2.14	16 54	3.1	1 8	1.0
14	15 40 49	149	−23 55.6	− 6.1	57.4	22 11.7	2.32	18 9	3.0	1 34	1.3
15	16 42 23	158	−25 36.8	− 2.2	58.1	23 9.2	2.46	19 20	2.8	2 9	1.7
16	— — —	—	— —	—	—	— —	—	20 22	2.3	2 57	2.3
17	17 46 32	162	−25 38.3	+ 2.2	58.8	0 9.2	2.52	21 11	1.8	3 59	2.9
18	18 51 5	160	−23 53.0	+ 6.6	59.3	1 9.7	2.50	21 50	1.4	5 14	3.3
19	19 53 54	154	−20 27.3	+10.4	59.6	2 8.4	2.39	22 18	1.1	6 36	3.5
20	20 53 46	146	−15 40.1	+13.3	59.8	3 4.2	2.25	22 42	0.9	8 2	3.5
21	21 50 31	138	− 9 55.7	+15.2	59.7	3 56.8	2.14	23 1	0.8	9 26	3.5
22	22 44 51	134	− 3 39.6	+16.0	59.6	4 47.1	2.06	23 19	0.8	10 48	3.4
23	23 37 53	132	+ 2 44.7	+15.9	59.3	5 36.0	2.03	23 37	0.8	12 9	3.4
24	0 30 49	133	+ 8 55.8	+14.9	58.9	6 24.9	2.05	23 57	0.9	13 29	3.4
25	1 24 49	137	+14 33.9	+13.1	58.4	7 14.8	2.11	— —	—	14 50	3.3
26	2 20 39	142	+19 20.1	+10.6	58.0	8 6.6	2.20	0 20	1.1	16 9	3.2
27	3 18 38	147	+22 56.9	+ 7.4	57.5	9 0.4	2.28	0 49	1.4	17 25	3.0
28	4 18 14	150	+25 9.9	+ 3.7	57.0	9 55.9	2.33	1 26	1.8	18 34	2.6
29	5 18 16	149	+25 51.3	− 0.2	56.4	10 51.9	2.31	2 13	2.2	19 31	2.1
30	6 17 8	144	+25 1.8	− 3.8	55.9	11 46.7	2.24	3 10	2.6	20 15	1.6
Juli 1	7 13 28	137	+22 50.8	− 7.0	55.4	12 38.9	2.11	4 16	2.8	20 49	1.3
2	8 6 31	128	+19 33.0	− 9.4	55.0	13 27.9	1.97	5 26	2.9	21 15	1.0
3	8 56 15	121	+15 24.9	−11.2	54.6	14 13.5	1.84	6 36	2.9	21 36	0.8
4	9 43 10	114	+10 41.8	−12.3	54.3	14 56.4	1.74	7 45	2.9	21 52	0.6
5	10 28 5	111	+ 5 36.8	−13.0	54.2	15 37.3	1.69	8 53	2.8	22 7	0.6
6	11 11 59	109	+ 0 20.9	−13.3	54.2	16 17.1	1.66	9 59	2.8	22 22	0.6
7	11 55 54	111	− 4 56.3	−13.1	54.3	16 57.0	1.68	11 6	2.8	22 36	0.6
8	12 40 57	115	−10 5.4	−12.6	54.7	17 38.0	1.75	12 13	2.8	22 52	0.7
9	13 28 14	122	−14 55.6	−11.5	55.2	18 21.2	1.86	13 22	2.9	23 10	0.9
10	14 18 49	131	−19 13.8	− 9.9	55.9	19 7.7	2.02	14 34	3.0	23 33	1.1
11	15 13 32	142	−22 42.8	− 7.4	56.7	19 58.3	2.20	15 47	3.0	— —	—
12	16 12 38	153	−25 2.5	− 4.1	57.6	20 53.4	2.38	16 59	2.9	0 3	1.5
13	17 15 30	161	−25 52.3	0.0	58.5	21 52.1	2.50	18 5	2.6	0 44	2.0
14	18 20 25	163	−24 57.0	+ 4.6	59.4	22 52.9	2.54	19 2	2.1	1 39	2.6
15	19 25 8	160	−22 13.7	+ 8.9	60.0	23 53.6	2.49	19 45	1.6	2 49	3.1
16	— — —	—	— —	—	—	— —	—	20 18	1.3	4 10	3.5
17	20 27 48	153	−17 54.0	+12.5	60.5	0 52.1	2.38	20 45	1.0	5 37	3.6
18	21 27 31	146	−12 20.9	+15.0	60.6	1 47.7	2.25	21 6	0.8	7 4	3.6
19	22 24 26	139	− 6 2.4	+16.3	60.5	2 40.5	2.16	21 25	0.8	8 30	3.5
20	23 19 24	136	+ 0 33.2	+16.5	60.1	3 31.5	2.10	21 44	0.8	9 54	3.5
21	0 13 33	135	+ 7 0.3	+15.6	59.6	4 21.5	2.09	22 3	0.9	11 16	3.4
22	1 8 0	137	+12 56.5	+13.9	58.9	5 11.9	2.12	22 25	1.0	12 38	3.4
23	2 3 38	141	+18 2.4	+11.5	58.3	6 3.4	2.18	22 52	1.3	13 59	3.3
24	3 0 55	145	+22 1.2	+ 8.3	57.6	6 56.6	2.25	23 26	1.6	15 16	3.1

Tag	Scheinbare Rektaszension h m s	Diff. m s	Scheinbare Deklination ° ′	Diff. ° ′	Parallaxe ′ ″	Diff. ″	Halbmesser ′ ″	Diff. ″	Länge °	Breite °
0h Welt-Zeit										
1935										
Juli 24	2 44 46	56 15	+21 2.2	2 56.6	57 46.5	38.1	15 46.0	10.4	45.180	+4.859
25	3 41 1	57 4	+23 58.8	1 36.0	57 8.4	35.6	15 35.6	9.7	58.520	+4.250
26	4 38 5	56 53	+25 34.8	0 12.2	56 32.8	32.4	15 25.9	8.8	71.571	+3.432
27	5 34 58	55 31	+25 47.0	1 8.3	56 0.4	29.3	15 17.1	8.0	84.362	+2.457
28	6 30 29	53 12	+24 38.7	2 19.9	55 31.1	25.8	15 9.1	7.0	96.924	+1.380
29	7 23 41	50 24	+22 18.8	3 19.3	55 5.3	22.3	15 2.1	6.1	109.289	+0.254
30	8 14 5	47 40	+18 59.5	4 4.9	54 43.0	18.4	14 56.0	5.0	121.484	−0.867
31	9 1 45	45 18	+14 54.6	4 37.1	54 24.6	13.7	14 51.0	3.7	133.540	−1.935
Aug. 1	9 47 3	43 36	+10 17.5	4 57.6	54 10.9	8.3	14 47.3	2.3	145.486	−2.907
2	10 30 39	42 41	+ 5 19.9	5 7.2	54 2.6	1.7	14 45.0	0.5	157.357	−3.746
3	11 13 20	42 37	+ 0 12.7	5 7.4	54 0.9	5.7	14 44.5	1.6	169.189	−4.421
4	11 55 57	43 27	− 4 54.7	4 58.2	54 6.6	14.3	14 46.1	3.9	181.031	−4.907
5	12 39 24	45 11	− 9 52.9	4 39.4	54 20.9	23.4	14 50.0	6.4	192.935	−5.185
6	13 24 35	47 47	−14 32.3	4 9.2	54 44.3	32.8	14 56.4	8.9	204.963	−5.240
7	14 12 22	51 4	−18 41.5	3 25.8	55 17.1	42.0	15 5.3	11.5	217.182	−5.060
8	15 3 26	54 45	−22 7.3	2 26.8	55 59.1	49.9	15 16.8	13.5	229.664	−4.641
9	15 58 11	58 10	−24 34.1	1 11.4	56 49.0	55.4	15 30.3	15.1	242.477	−3.983
10	16 56 21	60 40	−25 45.5	0 18.0	57 44.4	57.5	15 45.4	15.7	255.684	−3.098
11	17 57 1	61 38	−25 27.5	1 55.2	58 41.9	54.9	16 1.1	15.0	269.326	−2.011
12	18 58 39	61 0	−23 32.3	3 30.0	59 36.8	46.8	16 16.1	12.7	283.419	−0.770
13	19 59 39	59 15	−20 2.3	4 51.6	60 23.6	33.4	16 28.8	9.1	297.936	+0.555
14	20 58 54	57 8	−15 10.7	5 51.8	60 57.0	16.1	16 37.9	4.4	312.805	+1.873
15	21 56 2	55 22	− 9 18.9	6 25.8	61 13.1	3.1	16 42.3	0.9	327.906	+3.078
16	22 51 24	54 19	− 2 53.1	6 32.5	61 10.0	21.2	16 41.4	5.7	343.086	+4.072
17	23 45 43	54 8	+ 3 39.4	6 13.7	60 48.8	35.7	16 35.7	9.8	358.180	+4.775
18	0 39 51	54 45	+ 9 53.1	5 32.5	60 13.1	45.7	16 25.9	12.4	13.039	+5.144
19	1 34 36	55 49	+15 25.6	4 32.8	59 27.4	50.5	16 13.5	13.8	27.547	+5.173
20	2 30 25	56 55	+19 58.4	3 19.2	58 36.9	51.0	15 59.7	13.9	41.642	+4.886
21	3 27 20	57 30	+23 17.6	1 57.0	57 45.9	48.2	15 45.8	13.1	55.305	+4.326
22	4 24 50	57 9	+25 14.6	0 32.0	56 57.7	43.3	15 32.7	11.8	68.555	+3.549
23	5 21 59	55 44	+25 46.6	0 49.3	56 14.4	37.5	15 20.9	10.2	81.440	+2.611
24	6 17 43	53 27	+24 57.3	2 2.3	55 36.9	31.1	15 10.7	8.5	94.016	+1.567
25	7 11 10	50 43	+22 55.0	3 3.6	55 5.8	25.1	15 2.2	6.8	106.346	+0.472
26	8 1 53	48 1	+19 51.4	3 51.8	54 40.7	19.2	14 55.4	5.2	118.489	−0.627
27	8 49 54	45 40	+15 59.6	4 27.5	54 21.5	13.8	14 50.2	3.8	130.497	−1.684
28	9 35 34	43 55	+11 32.1	4 51.4	54 7.7	8.5	14 46.4	2.3	142.413	−2.655
29	10 19 29	42 53	+ 6 40.7	5 4.2	53 59.2	3.3	14 44.1	0.9	154.275	−3.505
30	11 2 22	42 38	+ 1 36.5	5 7.2	53 55.9	2.3	14 43.2	0.6	166.113	−4.200
31	11 45 0	43 11	− 3 30.7	5 0.2	53 58.2	8.4	14 43.8	2.3	177.957	−4.713
Sept. 1	12 28 11	44 31	− 8 30.9	4 43.2	54 6.6	15.1	14 46.1	4.1	189.837	−5.024
2	13 12 42	46 39	−13 14.1	4 15.3	54 21.7	22.5	14 50.2	6.1	201.788	−5.118
3	13 59 21		−17 29.4		54 44.2		14 56.3		213.851	−4.986

Tag	Obere Kulmination in Greenwich AR.	Änderung für 1h westl. Länge	Dekl.	Änderung für 1h westl. Länge	Parallaxe	Zeit des Durchgangs	Änderung für 1h westl. Länge	0h Länge, + 50° Breite Aufgang	Änderung für 1h westl. Länge	Untergang	Änderung für 1h westl. Länge
1935	h m s	s	° ′	′	′	h m	m	h m	m	h m	m
Juli 24	3 0 55	145	+22 1.2	+ 8.3	57.6	6 56.6	2.25	23 26	1.6	15 16	3.1
25	3 59 38	148	+24 39.4	+ 4.8	56.9	7 51.3	2.30	— —	—	16 26	2.7
26	4 58 58	148	+25 48.9	+ 1.0	56.3	8 46.5	2.29	0 9	2.0	17 26	2.3
27	5 57 36	145	+25 28.7	— 2.6	55.8	9 41.0	2.24	1 3	2.4	18 14	1.8
28	6 54 13	138	+23 45.3	— 5.9	55.3	10 33.6	2.13	2 5	2.7	18 50	1.4
29	7 47 57	130	+20 50.8	— 8.5	54.9	11 23.2	2.00	3 13	2.9	19 19	1.1
30	8 38 34	123	+17 0.3	—10.6	54.6	12 9.8	1.88	4 23	2.9	19 41	0.8
31	9 26 20	116	+12 29.0	—12.0	54.3	12 53.4	1.77	5 33	2.9	19 59	0.7
Aug. 1	10 11 53	112	+ 7 30.9	—12.8	54.1	13 34.9	1.70	6 41	2.8	20 15	0.6
2	10 56 3	109	+ 2 18.1	—13.2	54.0	14 15.1	1.66	7 48	2.8	20 29	0.6
3	11 39 46	110	— 2 58.9	—13.2	54.1	14 54.7	1.66	8 54	2.8	20 43	0.6
4	12 24 1	112	— 8 9.9	—12.7	54.2	15 34.9	1.70	10 0	2.8	20 58	0.7
5	13 9 49	117	—13 5.1	—11.8	54.6	16 16.7	1.79	11 7	2.9	21 16	0.8
6	13 58 9	125	—17 32.8	—10.4	55.1	17 0.9	1.91	12 17	2.9	21 36	1.0
7	14 49 56	134	—21 19.2	— 8.3	55.8	17 48.6	2.07	13 28	3.0	22 2	1.3
8	15 45 43	145	—24 7.4	— 5.5	56.6	18 40.3	2.24	14 39	2.9	22 37	1.7
9	16 45 28	154	—25 38.8	— 2.0	57.6	19 36.0	2.39	15 47	2.7	23 23	2.3
10	17 48 16	160	—25 35.9	+ 2.3	58.6	20 34.7	2.48	16 47	2.3	— —	—
11	18 52 26	160	—23 48.3	+ 6.7	59.5	21 34.8	2.50	17 36	1.8	0 25	2.9
12	19 56 3	157	—20 17.3	+10.8	60.4	22 34.3	2.45	18 14	1.4	1 40	3.3
13	20 57 45	151	—15 17.0	+14.1	60.9	23 31.9	2.35	18 44	1.1	3 4	3.6
14	— — —	—	— —	—	—	— —	—	19 8	0.9	4 32	3.7
15	21 57 6	146	— 9 11.8	+16.2	61.2	0 27.2	2.26	19 29	0.8	6 1	3.7
16	22 54 27	142	— 2 31.1	+17.0	61.2	1 20.4	2.19	19 48	0.8	7 28	3.6
17	23 50 42	140	+ 4 14.9	+16.6	60.8	2 12.5	2.17	20 8	0.9	8 54	3.6
18	0 46 50	141	+10 38.5	+15.2	60.1	3 4.6	2.18	20 30	1.0	10 19	3.5
19	1 43 43	144	+16 15.1	+12.8	59.3	3 57.4	2.23	20 56	1.2	11 43	3.4
20	2 41 51	147	+20 45.0	+ 9.6	58.4	4 51.4	2.28	21 28	1.5	13 3	3.2
21	3 41 9	149	+23 53.5	+ 6.0	57.6	5 46.7	2.32	22 8	1.9	14 17	2.9
22	4 40 53	149	+25 32.0	+ 2.2	56.8	6 42.3	2.31	22 59	2.3	15 21	2.4
23	5 39 53	146	+25 39.5	— 1.5	56.0	7 37.2	2.25	23 58	2.6	16 13	1.9
24	6 36 57	139	+24 21.7	— 4.9	55.4	8 30.2	2.15	— —	—	16 52	1.5
25	7 31 14	132	+21 50.1	— 7.7	54.9	9 20.4	2.03	1 4	2.8	17 23	1.1
26	8 22 28	124	+18 18.8	— 9.8	54.5	10 7.5	1.90	2 14	2.9	17 47	0.9
27	9 10 50	118	+14 2.2	—11.4	54.2	10 51.8	1.80	3 23	2.9	18 6	0.7
28	9 56 54	113	+ 9 14.0	—12.5	54.0	11 33.8	1.71	4 31	2.8	18 22	0.6
29	10 41 26	110	+ 4 6.5	—13.1	53.9	12 14.3	1.67	5 38	2.8	18 37	0.6
30	11 25 16	109	— 1 8.9	—13.2	53.9	12 54.1	1.66	6 44	2.8	18 52	0.6
31	12 9 17	111	— 6 21.9	—12.8	54.0	13 34.1	1.68	7 50	2.8	19 6	0.6
Sept. 1	12 54 24	115	—11 21.8	—12.1	54.2	14 15.1	1.75	8 57	2.8	19 23	0.8
2	13 41 30	121	—15 57.4	—10.8	54.6	14 58.2	1.85	10 5	2.9	19 42	0.9
3	14 31 23	129	—19 56.0	— 9.0	55.1	15 44.0	1.98	11 14	2.9	20 5	1.1

Tag	Scheinbare Rektaszension h m s	Diff. m s	Scheinbare Deklination ° ′	Diff. ° ′	Parallaxe ′ ″	Diff. ″	Halbmesser ′ ″	Diff. ″	Länge °	Breite °
	0h Welt-Zeit									
1935 Sept. 3	13 59 21	49 23	−17 29.4	3 35.5	54 44.2	30.4	14 56.3	8.3	213.851	−4.986
4	14 48 44	52 31	−21 4.9	2 42.0	55 14.6	38.7	15 4.6	10.6	226.078	−4.626
5	15 41 15	55 36	−23 46.9	1 34.5	55 53.3	46.2	15 15.2	12.6	238.528	−4.044
6	16 36 51	58 7	−25 21.4	0 14.2	56 39.5	52.6	15 27.8	14.3	251.264	−3.250
7	17 34 58	59 42	−25 35.6	1 15.0	57 32.1	56.4	15 42.1	15.3	264.354	−2.267
8	18 34 30	59 41	−24 20.6	2 46.2	58 28.5	56.4	15 57.4	15.4	277.855	−1.130
9	19 34 11	58 46	−21 34.4	4 11.1	59 24.9	51.3	16 12.8	14.0	291.808	+0.110
10	20 32 57	57 23	−17 23.3	5 21.4	60 16.2	40.6	16 26.8	11.1	306.216	+1.381
11	21 30 20	56 4	−12 1.9	6 10.5	60 56.8	24.7	16 37.9	6.7	321.040	+2.593
12	22 26 24	55 19	− 5 51.4	6 34.2	61 21.5	5.2	16 44.6	1.4	336.180	+3.646
13	23 21 43	55 19	+ 0 42.8	6 30.4	61 26.7	15.1	16 46.0	4.1	351.487	+4.449
14	0 17 2	56 3	+ 7 13.2	5 59.7	61 11.6	33.3	16 41.9	9.1	6.777	+4.933
15	1 13 5	57 15	+13 12.9	5 5.3	60 38.3	46.9	16 32.8	12.8	21.864	+5.065
16	2 10 20	58 28	+18 18.2	3 51.9	59 51.4	55.0	16 20.0	15.0	36.596	+4.856
17	3 8 48	59 5	+22 10.1	2 26.7	58 56.4	57.6	16 5.0	15.6	50.873	+4.347
18	4 7 53	58 40	+24 36.8	0 57.2	57 58.8	55.4	15 49.4	15.1	64.654	+3.598
19	5 6 33	57 4	+25 34.0	0 28.5	57 3.4	50.2	15 34.3	13.7	77.953	+2.676
20	6 3 37	54 32	+25 5.5	1 45.0	56 13.2	42.8	15 20.6	11.7	90.819	+1.645
21	6 58 9	51 33	+23 20.5	2 48.9	55 30.4	34.5	15 8.9	9.4	103.326	+0.562
22	7 49 42	48 36	+20 31.6	3 39.4	54 55.9	26.2	14 59.5	7.1	115.553	−0.521
23	8 38 18	46 5	+16 52.2	4 17.1	54 29.7	18.0	14 52.4	4.9	127.583	−1.563
24	9 24 23	44 13	+12 35.1	4 43.5	54 11.7	10.8	14 47.5	3.0	139.486	−2.522
25	10 8 36	43 4	+ 7 51.6	4 59.3	54 0.9	4.1	14 44.5	1.1	151.326	−3.364
26	10 51 40	42 44	+ 2 52.3	5 5.2	53 56.8	1.7	14 43.4	0.5	163.152	−4.059
27	11 34 24	43 10	− 2 12.9	5 1.4	53 58.5	7.1	14 43.9	1.9	175.003	−4.577
28	12 17 34	44 22	− 7 14.3	4 47.2	54 5.6	12.1	14 45.8	3.3	186.906	−4.897
29	13 1 56	46 17	−12 1.5	4 21.7	54 17.7	17.0	14 49.1	4.7	198.886	−5.004
30	13 48 13	48 44	−16 23.2	3 44.2	54 34.7	22.3	14 53.8	6.0	210.960	−4.888
Okt. 1	14 36 57	51 32	−20 7.4	2 53.5	54 57.0	27.8	14 59.8	7.6	223.153	−4.548
2	15 28 29	54 14	−23 0.9	1 49.9	55 24.8	33.5	15 7.4	9.1	235.493	−3.992
3	16 22 43	56 25	−24 50.8	0 34.7	55 58.3	39.3	15 16.5	10.7	248.017	−3.235
4	17 19 8	57 39	−25 25.5	0 48.0	56 37.6	44.5	15 27.2	12.2	260.773	−2.304
5	18 16 47	57 49	−24 37.5	2 13.1	57 22.1	48.4	15 39.4	13.1	273.814	−1.232
6	19 14 36	57 6	−22 24.4	3 34.0	58 10.5	49.6	15 52.5	13.6	287.195	−0.065
7	20 11 42	55 57	−18 50.4	4 44.8	59 0.1	47.4	16 6.1	12.9	300.964	+1.139
8	21 7 39	54 54	−14 5.6	5 40.0	59 47.5	40.5	16 19.0	11.0	315.145	+2.307
9	22 2 33	54 24	− 8 25.6	6 15.4	60 28.0	28.8	16 30.0	7.9	329.726	+3.357
10	22 56 57	54 40	− 2 10.2	6 27.4	60 56.8	12.7	16 37.9	3.4	344.645	+4.202
11	23 51 37	55 44	+ 4 17.2	6 13.5	61 9.5	5.8	16 41.3	1.6	359.787	+4.767
12	0 47 21	57 26	+10 30.7	5 33.0	61 3.7	24.3	16 39.7	6.6	14.989	+4.997
13	1 44 47	59 15	+16 3.7	4 28.2	60 39.4	40.0	16 33.1	10.9	30.070	+4.877
14	2 44 2		+20 31.9		59 59.4		16 22.2		44.863	+4.430

Tag	Obere Kulmination in Greenwich							0^h Länge, + 50° Breite			
	AR.	Änderung für 1^h westl. Länge	Dekl.	Änderung für 1^h westl. Länge	Parallaxe	Zeit des Durchgangs	Änderung für 1^h westl. Länge	Aufgang	Änderung für 1^h westl. Länge	Untergang	Änderung für 1^h westl. Länge
1935	h m s	s	° ′	′	′	h m	m	h m	m	h m	m
Sept. 3	14 31 23	129	−19 56.0	− 9.0	55.1	15 44.0	1.98	11 14	2.9	20 5	1.1
4	15 24 36	138	−23 3.2	− 6.5	55.7	16 33.1	2.12	12 24	2.9	20 36	1.5
5	16 21 21	146	−25 3.0	− 3.3	56.4	17 25.8	2.26	13 32	2.7	21 16	2.0
6	17 21 8	152	−25 40.0	+ 0.4	57.3	18 21.5	2.37	14 34	2.4	22 10	2.5
7	18 22 50	155	−24 42.4	+ 4.5	58.3	19 19.1	2.42	15 26	2.0	23 16	3.0
8	19 24 59	155	−22 5.9	+ 8.5	59.3	20 17.1	2.41	16 8	1.6	— —	—
9	20 26 16	151	−17 56.1	+12.2	60.2	21 14.3	2.35	16 41	1.2	0 34	3.4
10	21 26 0	147	−12 28.5	+15.0	60.9	22 9.9	2.29	17 7	1.0	1 59	3.6
11	22 24 15	144	− 6 6.4	+16.7	61.3	23 4.1	2.24	17 30	0.9	3 26	3.6
12	23 21 37	143	+ 0 42.1	+17.1	61.4	23 57.4	2.22	17 50	0.8	4 54	3.7
13	— — —	—	— —	—	—	— —	—	18 10	0.9	6 22	3.6
14	0 18 59	144	+ 7 26.5	+16.3	61.2	0 50.7	2.24	18 32	1.0	7 49	3.6
15	1 17 12	147	+13 37.2	+14.4	60.6	1 44.8	2.28	18 57	1.2	9 16	3.6
16	2 16 47	151	+18 47.9	+11.4	59.8	2 40.3	2.34	19 28	1.4	10 41	3.4
17	3 17 41	153	+22 37.9	+ 7.7	58.8	3 37.1	2.38	20 6	1.8	12 0	3.1
18	4 19 8	153	+24 54.6	+ 3.7	57.8	4 34.4	2.38	20 54	2.2	13 10	2.7
19	5 19 51	150	+25 34.8	− 0.3	56.9	5 31.1	2.33	21 52	2.6	14 8	2.1
20	6 18 30	143	+24 44.4	− 3.8	56.0	6 25.6	2.21	22 57	2.8	14 52	1.6
21	7 14 7	135	+22 35.3	− 6.8	55.3	7 17.2	2.08	— —	—	15 25	1.2
22	8 6 24	127	+19 22.6	− 9.1	54.8	8 5.4	1.94	0 5	2.9	15 51	1.0
23	8 55 32	119	+15 21.3	−10.9	54.4	8 50.4	1.82	1 14	2.9	16 12	0.8
24	9 42 10	114	+10 44.9	−12.1	54.1	9 33.0	1.73	2 22	2.8	16 29	0.7
25	10 27 3	111	+ 5 45.4	−12.8	54.0	10 13.8	1.68	3 29	2.8	16 45	0.6
26	11 11 4	110	+ 0 33.9	−13.1	53.9	10 53.8	1.66	4 35	2.8	17 0	0.6
27	11 55 5	111	− 4 39.2	−12.9	54.0	11 33.8	1.68	5 41	2.8	17 14	0.6
28	12 40 0	114	− 9 43.3	−12.3	54.2	12 14.6	1.73	6 48	2.8	17 31	0.7
29	13 26 38	119	−14 26.7	−11.2	54.4	12 57.2	1.83	7 56	2.9	17 49	0.8
30	14 15 43	126	−18 36.7	− 9.5	54.8	13 42.2	1.93	9 5	2.9	18 11	1.1
Okt. 1	15 7 45	134	−21 59.2	− 7.2	55.2	14 30.2	2.06	10 14	2.9	18 40	1.4
2	16 2 53	141	−24 19.3	− 4.3	55.8	15 21.2	2.19	11 22	2.7	19 16	1.8
3	17 0 43	147	−25 23.1	− 0.9	56.4	16 15.0	2.28	12 25	2.4	20 4	2.3
4	18 0 19	150	−24 59.8	+ 3.0	57.2	17 10.5	2.33	13 19	2.0	21 5	2.8
5	19 0 27	150	−23 4.8	+ 6.7	58.0	18 6.5	2.33	14 3	1.7	22 16	3.1
6	19 59 58	147	−19 40.9	+10.2	58.8	19 1.9	2.29	14 39	1.3	23 34	3.4
7	20 58 15	144	−14 58.2	+13.2	59.7	19 56.1	2.23	15 7	1.1	— —	—
8	21 55 19	142	− 9 13.2	+15.4	60.4	20 49.1	2.19	15 30	0.9	0 57	3.5
9	22 51 43	141	− 2 47.2	+16.6	60.9	21 41.4	2.18	15 51	0.9	2 22	3.6
10	23 48 20	143	+ 3 54.2	+16.7	61.2	22 33.9	2.21	16 11	0.9	3 48	3.6
11	0 46 5	147	+10 22.6	+15.5	61.1	23 27.6	2.27	16 32	0.9	5 14	3.6
12	— — —	—	— —	—	—	— —	—	16 55	1.1	6 42	3.6
13	1 45 43	152	+16 8.5	+13.1	60.6	0 23.1	2.36	17 24	1.4	8 9	3.6
14	2 47 24	156	+20 44.6	+ 9.7	59.9	1 20.7	2.43	18 0	1.7	9 34	3.4

Tag	Scheinbare Rektaszension (h m s)	(m s)	Scheinbare Deklination (° ′)	(° ′)	Parallaxe (′ ″)	(″)	Halbmesser (′ ″)	(″)	Länge (°)	Breite (°)
0h Welt-Zeit										
1935										
Okt. 14	2 44 2	60 34	+20 31.9	3 5.0	59 59.4	51.1	16 22.2	13.9	44.863	+4.430
15	3 44 36	60 43	+23 36.9	1 32.1	59 8.3	56.6	16 8.3	15.4	59.241	+3.710
16	4 45 19	59 23	+25 9.0	0 0.4	58 11.7	57.0	15 52.9	15.6	73.135	+2.789
17	5 44 42	56 44	+25 8.6	1 24.0	57 14.7	53.2	15 37.3	14.4	86.535	+1.740
18	6 41 26	53 25	+23 44.6	2 33.6	56 21.5	46.2	15 22.9	12.6	99.475	+0.635
19	7 34 51	50 0	+21 11.0	3 28.0	55 35.3	37.4	15 10.3	10.2	112.022	−0.470
20	8 24 51	47 1	+17 43.0	4 8.1	54 57.9	27.7	15 0.1	7.6	124.259	−1.527
21	9 11 52	44 46	+13 34.9	4 36.1	54 30.2	18.0	14 52.5	4.9	136.275	−2.495
22	9 56 38	43 20	+ 8 58.8	4 53.8	54 12.2	8.8	14 47.6	2.4	148.157	−3.343
23	10 39 58	42 47	+ 4 5.0	5 2.0	54 3.4	0.4	14 45.2	0.1	159.982	−4.042
24	11 22 45	43 5	− 0 57.0	5 1.0	54 3.0	6.8	14 45.1	1.9	171.818	−4.566
25	12 5 50	44 13	− 5 58.0	4 50.3	54 9.8	12.7	14 47.0	3.4	183.716	−4.894
26	12 50 3	46 6	−10 48.3	4 28.4	54 22.5	17.7	14 50.4	4.8	195.715	−5.008
27	13 36 9	48 34	−15 16.7	3 54.1	54 40.2	21.4	14 55.2	5.9	207.841	−4.899
28	14 24 43	51 21	−19 10.8	3 6.0	55 1.6	24.6	15 1.1	6.7	220.109	−4.562
29	15 16 4	54 4	−22 16.8	2 4.3	55 26.2	27.3	15 7.8	7.4	232.529	−4.005
30	16 10 8	56 10	−24 21.1	0 50.7	55 53.5	29.7	15 15.2	8.1	245.110	−3.246
31	17 6 18	57 15	−25 11.8	0 30.4	56 23.2	32.1	15 23.3	8.7	257.862	−2.312
Nov. 1	18 3 33	57 10	−24 41.4	1 53.1	56 55.3	34.2	15 32.0	9.4	270.805	−1.244
2	19 0 43	56 9	−22 48.3	3 11.1	57 29.5	35.8	15 41.4	9.7	283.966	−0.089
3	19 56 52	54 42	−19 37.2	4 19.0	58 5.3	36.3	15 51.1	9.9	297.377	+1.093
4	20 51 34	53 22	−15 18.2	5 13.3	58 41.6	35.0	16 1.0	9.6	311.070	+2.239
5	21 44 56	52 36	−10 4.9	5 51.1	59 16.6	30.9	16 10.6	8.4	325.066	+3.276
6	22 37 32	52 40	− 4 13.8	6 10.2	59 47.5	23.6	16 19.0	6.4	339.363	+4.132
7	23 30 12	53 43	+ 1 56.4	6 8.2	60 11.1	12.7	16 25.4	3.5	353.929	+4.739
8	0 23 55	55 34	+ 8 4.6	5 42.7	60 23.8	0.7	16 28.9	0.2	8.689	+5.041
9	1 19 29	57 58	+13 47.3	4 52.8	60 23.1	15.5	16 28.7	4.2	23.530	+5.007
10	2 17 27	60 12	+18 40.1	3 40.5	60 7.6	29.5	16 24.5	8.1	38.313	+4.639
11	3 17 39	61 30	+22 20.6	2 11.7	59 38.1	41.0	16 16.4	11.2	52.899	+3.972
12	4 19 9	61 12	+24 32.3	0 36.2	58 57.1	48.6	16 5.2	13.2	67.165	+3.067
13	5 20 21	59 13	+25 8.5	0 55.1	58 8.5	51.6	15 52.0	14.1	81.031	+2.001
14	6 19 34	55 58	+24 13.4	2 13.4	57 16.9	50.3	15 37.9	13.7	94.461	+0.851
15	7 15 32	52 15	+22 0.0	3 15.0	56 26.6	45.3	15 24.2	12.3	107.463	−0.310
16	8 7 47	48 46	+18 45.0	4 0.2	55 41.3	37.7	15 11.9	10.3	120.080	−1.423
17	8 56 33	45 55	+14 44.8	4 30.9	55 3.6	28.2	15 1.6	7.7	132.380	−2.444
18	9 42 28	43 58	+10 13.9	4 50.1	54 35.4	18.0	14 53.9	4.9	144.442	−3.336
19	10 26 26	42 57	+ 5 23.8	4 59.5	54 17.4	7.6	14 49.0	2.0	156.355	−4.071
20	11 9 23	42 54	+ 0 24.3	5 0.2	54 9.8	2.4	14 47.0	0.6	168.202	−4.627
21	11 52 17	43 47	− 4 35.9	4 52.2	54 12.2	11.3	14 47.6	3.1	180.065	−4.986
22	12 36 4	45 31	− 9 28.1	4 34.2	54 23.5	18.9	14 50.7	5.2	192.010	−5.130
23	13 21 35	48 0	−14 2.3	4 4.4	54 42.4	24.8	14 55.9	6.7	204.096	−5.050
24	14 9 35		−18 6.7		55 7.2		15 2.6		216.362	−4.737

Tag	Obere Kulmination in Greenwich							0h Länge, + 50° Breite			
	AR.	Änderung für 1h westl. Länge	Dekl.	Änderung für 1h westl. Länge	Parallaxe	Zeit des Durchgangs	Änderung für 1h westl. Länge	Aufgang	Änderung für 1h westl. Länge	Untergang	Änderung für 1h westl. Länge
1935	h m s	s	° ′	′	′	h m	m	h m	m	h m	m
Okt. 14	2 47 24	156	+20 44.6	+ 9.7	59.9	1 20.7	2.43	18 0	1.7	9 34	3.4
15	3 50 31	158	+23 50.0	+ 5.6	59.1	2 19.7	2.47	18 45	2.1	10 50	2.9
16	4 53 38	156	+25 14.3	+ 1.4	58.1	3 18.7	2.43	19 41	2.5	11 55	2.4
17	5 55 0	150	+24 59.4	— 2.6	57.1	4 16.0	2.33	20 45	2.8	12 46	1.8
18	6 53 14	141	+23 16.9	— 5.9	56.2	5 10.2	2.18	21 54	2.9	13 23	1.4
19	7 47 40	131	+20 23.4	— 8.5	55.4	6 0.5	2.02	23 3	2.9	13 54	1.1
20	8 38 25	123	+16 36.4	—10.4	54.8	6 47.2	1.88	—	—	14 16	0.9
21	9 26 5	116	+12 11.0	—11.7	54.4	7 30.8	1.76	0 12	2.8	14 35	0.7
22	10 11 33	112	+ 7 19.9	—12.5	54.1	8 12.2	1.70	1 19	2.8	14 51	0.6
23	10 55 48	110	+ 2 13.8	—12.9	54.0	8 52.4	1.66	2 25	2.8	15 6	0.6
24	11 39 47	110	— 2 57.3	—12.9	54.1	9 32.3	1.68	3 31	2.8	15 21	0.6
25	12 24 28	113	— 8 3.5	—12.5	54.2	10 13.0	1.73	4 38	2.8	15 37	0.7
26	13 10 45	118	—12 53.8	—11.6	54.5	10 55.2	1.80	5 45	2.8	15 55	0.8
27	13 59 24	125	—17 15.6	—10.1	54.8	11 39.8	1.92	6 54	2.9	16 16	1.0
28	14 51 1	133	—20 54.2	— 8.0	55.2	12 27.3	2.04	8 4	2.9	16 44	1.3
29	15 45 43	140	—23 34.1	— 5.2	55.7	13 17.9	2.17	9 13	2.8	17 18	1.6
30	16 43 8	146	—25 0.5	— 1.9	56.2	14 11.3	2.27	10 18	2.5	18 3	2.1
31	17 42 17	149	—25 2.3	+ 1.8	56.7	15 6.3	2.31	11 15	2.2	19 0	2.6
Nov. 1	18 41 48	148	—23 34.8	+ 5.5	57.3	16 1.8	2.30	12 2	1.8	20 7	3.0
2	19 40 29	145	—20 41.0	+ 8.9	57.9	16 56.3	2.25	12 39	1.4	21 22	3.2
3	20 37 38	141	—16 30.6	+11.8	58.5	17 49.4	2.18	13 8	1.1	22 41	3.3
4	21 33 12	137	—11 18.2	+14.1	59.2	18 40.9	2.12	13 32	1.0	—	—
5	22 27 44	136	— 5 21.4	+15.5	59.7	19 31.3	2.10	13 54	0.9	0 2	3.4
6	23 22 11	137	+ 0 59.9	+16.1	60.1	20 21.7	2.11	14 13	0.8	1 24	3.4
7	0 17 36	141	+ 7 22.7	+15.6	60.4	21 13.0	2.18	14 33	0.9	2 46	3.5
8	1 15 1	147	+13 21.7	+14.1	60.4	22 6.4	2.28	14 55	1.0	4 11	3.5
9	2 15 5	154	+18 29.6	+11.4	60.1	23 2.3	2.39	15 20	1.2	5 36	3.6
10	— — —	—	— —	—	—	— —	—	15 52	1.5	7 2	3.5
11	3 17 41	159	+22 20.7	+ 7.7	59.6	0 0.8	2.48	16 33	1.9	8 23	3.2
12	4 21 45	161	+24 35.8	+ 3.5	58.9	1 0.8	2.50	17 25	2.4	9 35	2.7
13	5 25 24	157	+25 7.2	— 0.8	58.1	2 0.3	2.44	18 27	2.7	10 34	2.1
14	6 26 40	149	+24 0.9	— 4.6	57.2	2 57.5	2.31	19 36	2.9	11 18	1.6
15	7 24 10	139	+21 32.5	— 7.6	56.3	3 50.9	2.14	20 48	3.0	11 52	1.3
16	8 17 32	128	+18 1.3	— 9.8	55.6	4 40.2	1.97	21 58	2.9	12 18	1.0
17	9 7 9	120	+13 45.8	—11.3	54.9	5 25.8	1.83	23 7	2.8	12 39	0.8
18	9 53 52	114	+ 9 1.1	—12.3	54.5	6 8.4	1.73	—	—	12 56	0.7
19	10 38 42	111	+ 3 59.3	—12.8	54.2	6 49.2	1.68	0 13	2.7	13 12	0.6
20	11 22 44	110	— 1 9.6	—12.9	54.2	7 29.2	1.67	1 19	2.7	13 27	0.6
21	12 7 1	112	— 6 16.6	—12.6	54.3	8 9.4	1.70	2 25	2.8	13 42	0.7
22	12 52 36	116	—11 11.9	—11.9	54.5	8 50.9	1.78	3 32	2.8	14 0	0.8
23	13 40 24	123	—15 44.2	—10.7	54.9	9 34.7	1.88	4 40	2.9	14 20	0.9
24	14 31 12	131	—19 39.6	— 8.8	55.3	10 21.4	2.02	5 50	2.9	14 45	1.2

Tag	0h Welt-Zeit: Scheinbare Rektaszension	Diff.	Scheinbare Deklination	Diff.	Parallaxe	Diff.	Halbmesser	Diff.	Länge	Breite
1935	h m s	m s	° ′	° ′	′ ″	″	′ ″	″	°	°
Nov. 24	14 9 35	50 58	−18 6.7	3 21.0	55 7.2	28.7	15 2.6	7.8	216.362	−4.737
25	15 0 33	54 2	−21 27.7	2 22.6	55 35.9	30.9	15 10.4	8.4	228.834	−4.195
26	15 54 35	56 33	−23 50.3	1 10.5	56 6.8	31.2	15 18.8	8.5	241.522	−3.438
27	16 51 8	58 1	−25 0.8	0 11.5	56 38.0	30.2	15 27.3	8.3	254.426	−2.491
28	17 49 9	58 5	−24 49.3	1 36.6	57 8.2	28.3	15 35.6	7.7	267.536	−1.396
29	18 47 14	56 57	−23 12.7	2 56.9	57 36.5	25.9	15 43.3	7.0	280.841	−0.208
30	19 44 11	55 6	−20 15.8	4 6.2	58 2.4	23.3	15 50.3	6.4	294.329	+1.011
Dez. 1	20 39 17	53 14	−16 9.6	5 0.5	58 25.7	20.6	15 56.7	5.6	307.993	+2.190
2	21 32 31	51 50	−11 9.1	5 37.7	58 46.3	17.7	16 2.3	4.8	321.827	+3.257
3	22 24 21	51 17	− 5 31.4	5 57.3	59 4.0	14.1	16 7.1	3.9	335.825	+4.143
4	23 15 38	51 44	+ 0 25.9	5 58.5	59 18.1	9.3	16 11.0	2.5	349.973	+4.788
5	0 7 22	53 11	+ 6 24.4	5 40.3	59 27.4	3.1	16 13.5	0.8	4.244	+5.145
6	1 0 33	55 25	+12 4.7	5 1.2	59 30.5	4.7	16 14.3	1.2	18.593	+5.183
7	1 55 58	57 58	+17 5.9	4 1.4	59 25.8	13.5	16 13.1	3.7	32.956	+4.899
8	2 53 56	60 6	+21 7.3	2 42.9	59 12.3	22.8	16 9.4	6.2	47.254	+4.310
9	3 54 2	61 2	+23 50.2	1 12.5	58 49.5	31.3	16 3.2	8.6	61.400	+3.463
10	4 55 4	60 15	+25 2.7	0 20.6	58 18.2	37.8	15 54.6	10.3	75.316	+2.420
11	5 55 19	57 52	+24 42.1	1 45.8	57 40.4	41.6	15 44.3	11.3	88.937	+1.258
12	6 53 11	54 27	+22 56.3	2 56.3	56 58.8	42.2	15 33.0	11.5	102.226	+0.053
13	7 47 38	50 49	+20 0.0	3 49.3	56 16.6	39.5	15 21.5	10.7	115.172	−1.126
14	8 38 27	47 35	+16 10.7	4 25.6	55 37.1	34.0	15 10.8	9.3	127.792	−2.222
15	9 26 2	45 5	+11 45.1	4 48.1	55 3.1	26.3	15 1.5	7.2	140.127	−3.190
16	10 11 7	43 30	+ 6 57.0	4 59.3	54 36.8	16.9	14 54.3	4.6	152.234	−3.996
17	10 54 37	42 55	+ 1 57.7	5 1.1	54 19.9	6.5	14 49.7	1.8	164.185	−4.618
18	11 37 32	43 16	− 3 3.4	4 54.4	54 13.4	4.1	14 47.9	1.2	176.059	−5.037
19	12 20 48	44 36	− 7 57.8	4 39.0	54 17.5	14.5	14 49.1	3.9	187.936	−5.243
20	13 5 24	46 46	−12 36.8	4 13.5	54 32.0	23.8	14 53.0	6.5	199.896	−5.223
21	13 52 10	49 41	−16 50.3	3 35.7	54 55.8	31.6	14 59.5	8.6	212.011	−4.973
22	14 41 51	52 57	−20 26.0	2 43.7	55 27.4	37.2	15 8.1	10.2	224.343	−4.491
23	15 34 48	56 4	−23 9.7	1 36.6	56 4.6	40.1	15 18.3	10.9	236.942	−3.784
24	16 30 52	58 22	−24 46.3	0 16.4	56 44.7	39.9	15 29.2	10.9	249.835	−2.870
25	17 29 14	59 18	−25 2.7	1 11.2	57 24.6	36.9	15 40.1	10.0	263.033	−1.783
26	18 28 32	58 44	−23 51.5	2 37.6	58 1.5	31.2	15 50.1	8.5	276.521	−0.572
27	19 27 16	57 2	−21 13.9	3 54.5	58 32.7	23.9	15 58.6	6.5	290.269	+0.695
28	20 24 18	54 55	−17 19.4	4 55.2	58 56.6	15.7	16 5.1	4.3	304.228	+1.940
29	21 19 13	53 1	−12 24.2	5 36.5	59 12.3	7.9	16 9.4	2.1	318.341	+3.081
30	22 12 14	51 47	− 6 47.7	5 57.8	59 20.2	0.9	16 11.5	0.3	332.550	+4.041
31	23 4 1	51 31	− 0 49.9	5 59.4	59 21.1	4.9	16 11.8	1.3	346.798	+4.755
32	23 55 32		+ 5 9.5		59 16.2		16 10.5		1.034	+5.176

Tag	Obere Kulmination in Greenwich							0h Länge, + 50° Breite			
	AR.	Änderung für 1h westl. Länge	Dekl.	Änderung für 1h westl. Länge	Parallaxe	Zeit des Durchgangs	Änderung für 1h westl. Länge	Aufgang	Änderung für 1h westl. Länge	Untergang	Änderung für 1h westl. Länge
1935	h m s	s	° ′	′	′	h m	m	h m	m	h m	m
Nov. 24	14 31 12	131	−19 39.6	− 8.8	55.3	10 21.4	2.02	5 50	2.9	14 45	1.2
25	15 25 23	140	−22 42.3	− 6.3	55.8	11 11.5	2.16	7 0	2.9	15 17	1.5
26	16 22 47	147	−24 35.5	− 3.1	56.4	12 4.8	2.28	8 8	2.7	15 58	2.0
27	17 22 29	151	−25 5.1	+ 0.6	56.9	13 0.4	2.34	9 9	2.3	16 53	2.5
28	18 22 59	151	−24 3.4	+ 4.5	57.4	13 56.8	2.34	9 59	1.9	17 58	2.9
29	19 22 43	147	−21 32.0	+ 8.1	57.9	14 52.5	2.29	10 40	1.5	19 12	3.2
30	20 20 37	142	−17 40.9	+11.1	58.3	15 46.4	2.20	11 11	1.2	20 31	3.3
Dez. 1	21 16 21	137	−12 46.1	+13.4	58.7	16 37.9	2.11	11 37	1.0	21 51	3.3
2	22 10 19	133	− 7 6.1	+14.8	59.0	17 27.8	2.06	11 58	0.9	23 11	3.3
3	23 3 24	133	− 1 0.1	+15.5	59.3	18 16.8	2.04	12 18	0.8	—	—
4	23 56 43	135	+ 5 12.1	+15.3	59.4	19 6.0	2.08	12 37	0.8	0 31	3.3
5	0 51 26	139	+11 9.3	+14.3	59.5	19 56.7	2.16	12 57	0.9	1 51	3.4
6	1 48 30	146	+16 29.1	+12.2	59.4	20 49.7	2.26	13 20	1.1	3 14	3.4
7	2 48 25	153	+20 47.8	+ 9.2	59.2	21 45.5	2.38	13 48	1.3	4 36	3.4
8	3 50 49	158	+23 43.8	+ 5.4	58.8	22 43.8	2.46	14 24	1.7	5 58	3.3
9	4 54 21	159	+25 2.4	+ 1.2	58.3	23 43.2	2.47	15 10	2.2	7 14	2.9
10	— — —	—	— —	—	—	— —	—	16 8	2.6	8 18	2.4
11	5 57 3	154	+24 40.2	− 2.9	57.7	0 41.8	2.40	17 15	2.9	9 10	1.9
12	6 56 59	145	+22 46.4	− 6.4	56.9	1 37.7	2.25	18 26	3.0	9 49	1.4
13	7 53 5	135	+19 38.4	− 9.1	56.2	2 29.7	2.08	19 39	3.0	10 18	1.1
14	8 45 10	126	+15 36.1	−11.0	55.5	3 17.7	1.92	20 50	2.9	10 41	0.9
15	9 33 46	118	+10 57.8	−12.1	55.0	4 2.2	1.80	21 58	2.8	11 0	0.7
16	10 19 48	113	+ 5 58.5	−12.7	54.5	4 44.2	1.71	23 5	2.8	11 16	0.7
17	11 4 19	110	+ 0 49.7	−12.9	54.3	5 24.6	1.68	—	—	11 32	0.6
18	11 48 25	111	− 4 18.9	−12.7	54.2	6 4.7	1.68	0 10	2.7	11 47	0.7
19	12 33 11	114	− 9 18.3	−12.2	54.3	6 45.4	1.73	1 16	2.8	12 4	0.7
20	13 19 40	119	−13 58.9	−11.1	54.6	7 27.8	1.82	2 24	2.9	12 22	0.9
21	14 8 49	127	−18 9.0	− 9.6	55.1	8 12.9	1.95	3 33	2.9	12 45	1.1
22	15 1 22	136	−21 34.4	− 7.4	55.7	9 1.4	2.10	4 43	2.9	13 14	1.4
23	15 57 34	145	−23 58.4	− 4.5	56.3	9 53.5	2.24	5 52	2.8	13 51	1.8
24	16 56 57	152	−25 4.2	− 0.9	57.0	10 48.8	2.35	6 56	2.5	14 41	2.3
25	17 58 17	154	−24 38.9	+ 3.0	57.7	11 46.0	2.40	7 52	2.1	15 43	2.8
26	18 59 50	153	−22 38.3	+ 7.0	58.3	12 43.5	2.38	8 37	1.7	16 56	3.2
27	19 59 59	148	−19 8.9	+10.4	58.8	13 39.5	2.29	9 13	1.3	18 16	3.4
28	20 57 52	142	−14 26.4	+13.0	59.1	14 33.3	2.19	9 41	1.1	19 37	3.4
29	21 53 27	137	− 8 51.6	+14.7	59.3	15 24.8	2.11	10 4	0.9	20 59	3.4
30	22 47 22	133	− 2 46.7	+15.5	59.4	16 14.7	2.06	10 24	0.8	22 20	3.4
31	23 40 37	133	+ 3 26.6	+15.4	59.3	17 3.8	2.05	10 43	0.8	23 40	3.4

Phasen des Mondes

1935		Welt-Zeit h m		1935		Welt-Zeit h m	
Jan.	5	5 20.1	Neumond	Juli	8	22 28.3	Erstes Viertel
	11	20 54.7	Erstes Viertel		16	5 0.4	Vollmond
	19	15 44.2	Vollmond		22	19 42.1	Letztes Viertel
	27	19 58.6	Letztes Viertel		30	9 32.4	Neumond
Febr.	3	16 27.4	Neumond	Aug.	7	13 22.9	Erstes Viertel
	10	9 24.6	Erstes Viertel		14	12 43.5	Vollmond
	18	11 17.1	Vollmond		21	3 17.4	Letztes Viertel
	26	10 14.4	Letztes Viertel		29	1 0.3	Neumond
März	5	2 40.4	Neumond	Sept.	6	2 26.1	Erstes Viertel
	12	0 30.2	Erstes Viertel		12	20 18.3	Vollmond
	20	5 31.4	Vollmond		19	14 22.8	Letztes Viertel
	27	20 50.6	Letztes Viertel		27	17 29.4	Neumond
April	3	12 10.6	Neumond	Okt.	5	13 39.5	Erstes Viertel
	10	17 42.1	Erstes Viertel		12	4 39.0	Vollmond
	18	21 9.6	Vollmond		19	5 36.3	Letztes Viertel
	26	4 20.5	Letztes Viertel		27	10 15.4	Neumond
Mai	2	21 36.3	Neumond	Nov.	3	23 11.9	Erstes Viertel
	10	11 54.3	Erstes Viertel		10	14 41.8	Vollmond
	18	9 57.1	Vollmond		18	0 35.8	Letztes Viertel
	25	9 44.2	Letztes Viertel		26	2 35.9	Neumond
Juni	1	7 52.1	Neumond	Dez.	3	7 27.8	Erstes Viertel
	9	5 49.3	Erstes Viertel		10	3 10.3	Vollmond
	16	20 20.1	Vollmond		17	21 57.3	Letztes Viertel
	23	14 21.3	Letztes Viertel		25	17 49.4	Neumond
	30	19 44.5	Neumond		32	15 14.6	Erstes Viertel

Mond in Erdnähe

1935		Welt-Zeit h
Jan.	6	11.7
Febr.	3	23.4
März	4	11.9
April	1	20.2
April	29	16.0
Mai	25	16.5
Juni	20	10.1
Juli	18	2.7
Aug.	15	8.1
Sept.	12	18.1
Okt.	11	4.6
Nov.	8	10.8
Dez.	5	22.1
Dez.	30	15.4

Mond in Erdferne

1935		Welt-Zeit h
Jan.	21	22.0
Febr.	17	23.2
März	17	4.6
April	13	19.8
Mai	11	14.3
Juni	8	9.2
Juli	6	3.0
Aug.	2	18.1
Aug.	30	2.3
Sept.	26	4.6
Okt.	23	13.4
Nov.	20	6.0
Dez.	18	2.7

Tag		0h Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Obere Kulmination in Greenwich
1935		h m s	m s	° ′ ″	′ ″			h m
Jan.	0	18 37 44.12	7 5.10	−24 53 51.2	3 9.8	0.158 3063	7767	12 4.4
	1	18 44 49.22	7 6.04	24 50 41.4	4 38.3	0.157 5296	9578	12 7.6
	2	18 51 55.26	7 6.83	24 46 3.1	6 7.7	0.156 5718	1 1432	12 10.7
	3	18 59 2.09	7 7.47	24 39 55.4	7 37.9	0.155 4286	1 3334	12 13.9
	4	19 6 9.56	7 7.96	24 32 17.5	9 9.1	0.154 0952	1 5296	12 17.1
	5	19 13 17.52	7 8.29	24 23 8.4	10 41.1	0.152 5656	1 7318	12 20.3
	6	19 20 25.81	7 8.44	−24 12 27.3	12 13.7	0.150 8338	1 9416	12 23.5
	7	19 27 34.25	7 8.38	24 0 13.6	13 47.0	0.148 8922	2 1591	12 26.7
	8	19 34 42.63	7 8.13	23 46 26.6	15 20.7	0.146 7331	2 3859	12 29.9
	9	19 41 50.76	7 7.63	23 31 5.9	16 54.9	0.144 3472	2 6219	12 33.1
	10	19 48 58.39	7 6.91	23 14 11.0	18 29.2	0.141 7253	2 8693	12 36.3
	11	19 56 5.30	7 5.92	22 55 41.8	20 3.6	0.138 8560	3 1282	12 39.5
	12	20 3 11.22	7 4.60	−22 35 38.2	21 37.8	0.135 7278	3 4002	12 42.6
	13	20 10 15.82	7 2.98	22 14 0.4	23 11.6	0.132 3276	3 6867	12 45.7
	14	20 17 18.80	7 0.97	21 50 48.8	24 44.7	0.128 6409	3 9884	12 48.8
	15	20 24 19.77	6 58.57	21 26 4.1	26 16.8	0.124 6525	4 3066	12 51.9
	16	20 31 18.34	6 55.67	20 59 47.3	27 47.4	0.120 3459	4 6436	12 54.9
	17	20 38 14.01	6 52.28	20 31 59.9	29 16.0	0.115 7023	4 9991	12 57.9
	18	20 45 6.29	6 48.26	−20 2 43.9	30 42.1	0.110 7032	5 3753	13 0.8
	19	20 51 54.55	6 43.56	19 32 1.8	32 5.2	0.105 3279	5 7729	13 3.6
	20	20 58 38.11	6 38.10	18 59 56.6	33 24.2	0.099 5550	6 1932	13 6.4
	21	21 5 16.21	6 31.74	18 26 32.4	34 38.2	0.093 3618	6 6362	13 9.0
	22	21 11 47.95	6 24.36	17 51 54.2	35 46.5	0.086 7256	7 1027	13 11.5
	23	21 18 12.31	6 15.84	17 16 7.7	36 47.4	0.079 6229	7 5922	13 13.9
	24	21 24 28.15	6 6.01	−16 39 20.3	37 40.0	0.072 0307	8 1039	13 16.1
	25	21 30 34.16	5 54.71	16 1 40.3	38 22.2	0.063 9268	8 6356	13 18.2
	26	21 36 28.87	5 41.76	15 23 18.1	38 52.8	0.055 2912	9 1844	13 20.1
	27	21 42 10.63	5 26.93	14 44 25.3	39 9.8	0.046 1068	9 7466	13 21.7
	28	21 47 37.56	5 10.12	14 5 15.5	39 11.0	0.036 3602	10 3159	13 23.0
	29	21 52 47.68	4 51.04	13 26 4.5	38 54.4	0.026 0443	10 8837	13 24.1
	30	21 57 38.72	4 29.57	−12 47 10.1	38 18.2	0.015 1606	11 4416	13 24.8
	31	22 2 8.29	4 5.58	12 8 51.9	37 20.0	0.003 7190	11 9769	13 25.1
Febr.	1	22 6 13.87	3 38.94	11 31 31.9	35 58.3	9.991 7421	12 4752	13 25.0
	2	22 9 52.81	3 9.62	10 55 33.6	34 11.3	9.979 2669	12 9205	13 24.5
	3	22 13 2.43	2 37.70	10 21 22.3	31 58.2	9.966 3464	13 2936	13 23.4
	4	22 15 40.13	2 3.27	9 49 24.1	29 18.2	9.953 0528	13 5755	13 21.8
	5	22 17 43.40	1 26.65	− 9 20 5.9	26 11.8	9.939 4773	13 7440	13 19.6
	6	22 19 10.05	0 48.22	8 53 54.1	22 40.2	9.925 7333	13 7792	13 16.7
	7	22 19 58.27	0 8.54	8 31 13.9	18 45.1	9.911 9541	13 6607	13 13.2
	8	22 20 6.81	0 31.67	8 12 28.8	14 30.6	9.898 2934	13 3718	13 9.1
	9	22 19 35.14	1 11.61	7 57 58.2	10 0.7	9.884 9216	12 8977	13 4.3
	10	22 18 23.53		− 7 47 57.5		9.872 0239		12 58.8

Tag	0h Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Obere Kulmination in Greenwich
1935	h m s	m s	° ′ ″	′ ″			h m
Febr. 10	22 18 23.53	1 50.17	− 7 47 57.5	5 21.1	9.872 0239	12 2314	12 58.8
11	22 16 33.36	2 26.47	7 42 36.4	0 38.4	9.859 7925	11 3725	12 52.7
12	22 14 6.89	2 59.30	7 41 58.0	3 59.6	9.848 4200	10 3282	12 46.0
13	22 11 7.59	3 27.64	7 45 57.6	8 25.6	9.838 0918	9 1157	12 38.9
14	22 7 39.95	3 50.56	7 54 23.2	12 31.3	9.828 9761	7 7607	12 31.3
15	22 3 49.39	4 7.35	8 6 54.5	16 10.4	9.821 2154	6 2982	12 23.4
16	21 59 42.04	4 17.53	− 8 23 4.9	19 16.5	9.814 9172	4 7674	12 15.3
17	21 55 24.51	4 20.96	8 42 21.4	21 46.2	9.810 1498	3 2112	12 7.1
18	21 51 3.55	4 17.82	9 4 7.6	23 37.1	9.806 9386	1 6730	11 58.8
19	21 46 45.73	4 8.52	9 27 44.7	24 49.5	9.805 2656	1917	11 50.7
20	21 42 37.21	3 53.78	9 52 34.2	25 25.2	9.805 0739	1 1984	11 42.8
21	21 38 43.43	3 34.46	10 17 59.4	25 26.9	9.806 2723	2 4726	11 35.1
22	21 35 8.97	3 11.47	−10 43 26.3	24 59.5	9.808 7449	3 6135	11 27.8
23	21 31 57.50	2 45.79	11 8 25.8	24 7.2	9.812 3584	4 6123	11 20.9
24	21 29 11.71	2 18.29	11 32 33.0	22 54.7	9.816 9707	5 4661	11 14.5
25	21 26 53.42	1 49.80	11 55 27.7	21 26.4	9.822 4368	6 1806	11 8.5
26	21 25 3.62	1 20.97	12 16 54.1	19 46.6	9.828 6174	6 7630	11 2.9
27	21 23 42.65	0 52.37	12 36 40.7	17 58.2	9.835 3804	7 2257	10 57.9
28	21 22 50.28	0 24.45	−12 54 38.9	16 4.4	9.842 6061	7 5799	10 53.3
März 1	21 22 25.83	0 2.49	13 10 43.3	14 7.2	9.850 1860	7 8396	10 49.1
2	21 22 28.32	0 28.19	13 24 50.5	12 8.5	9.858 0256	8 0188	10 45.4
3	21 22 56.51	0 52.54	13 36 59.0	10 9.3	9.866 0444	8 1277	10 42.2
4	21 23 49.05	1 15.46	13 47 8.3	8 10.9	9.874 1721	8 1788	10 39.3
5	21 25 4.51	1 36.90	13 55 19.2	6 13.9	9.882 3509	8 1819	10 36.8
6	21 26 41.41	1 56.90	−14 1 33.1	4 18.6	9.890 5328	8 1463	10 34.6
7	21 28 38.31	2 15.49	14 5 51.7	2 25.5	9.898 6791	8 0782	10 32.7
8	21 30 53.80	2 32.74	14 8 17.2	0 34.4	9.906 7573	7 9856	10 31.2
9	21 33 26.54	2 48.69	14 8 51.6	1 14.2	9.914 7429	7 8726	10 29.9
10	21 36 15.23	3 3.43	14 7 37.4	3 0.5	9.922 6155	7 7456	10 28.9
11	21 39 18.66	3 17.08	14 4 36.9	4 44.5	9.930 3611	7 6069	10 28.1
12	21 42 35.74	3 29.68	−13 59 52.4	6 26.4	9.937 9680	7 4597	10 27.5
13	21 46 5.42	3 41.32	13 53 26.0	8 6.0	9.945 4277	7 3071	10 27.2
14	21 49 46.74	3 52.07	13 45 20.0	9 43.7	9.952 7348	7 1505	10 27.0
15	21 53 38.81	4 2.02	13 35 36.3	11 19.2	9.959 8853	6 9924	10 27.0
16	21 57 40.83	4 11.24	13 24 17.1	12 53.0	9.966 8777	6 8342	10 27.2
17	22 1 52.07	4 19.79	13 11 24.1	14 24.7	9.973 7119	6 6760	10 27.5
18	22 6 11.86	4 27.71	−12 56 59.4	15 54.9	9.980 3879	6 5185	10 27.9
19	22 10 39.57	4 35.12	12 41 4.5	17 23.4	9.986 9064	6 3641	10 28.5
20	22 15 14.69	4 42.00	12 23 41.1	18 50.4	9.993 2705	6 2111	10 29.2
21	22 19 56.69	4 48.46	12 4 50.7	20 15.8	9.999 4816	6 0610	10 30.0
22	22 24 45.15	4 54.51	11 44 34.9	21 39.7	0.005 5426	5 9137	10 30.9
23	22 29 39.66		−11 22 55.2		0.011 4563		10 31.9

Tag	0ʰ Welt-Zeit: Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Obere Kulmination in Greenwich
1935	h m s	m s	° ′ ″	′ ″			h m
März 23	22 29 39.66	5 0.22	−11 22 55.2	23 2.4	0.011 4563	5 7691	10 31.9
24	22 34 39.88	5 5.62	10 59 52.8	24 23.5	0.017 2254	5 6276	10 33.0
25	22 39 45.50	5 10.74	10 35 29.3	25 43.5	0.022 8530	5 4880	10 34.2
26	22 44 56.24	5 15.64	10 9 45.8	27 2.1	0.028 3410	5 3521	10 35.5
27	22 50 11.88	5 20.32	9 42 43.7	28 19.7	0.033 6931	5 2182	10 36.8
28	22 55 32.20	5 24.86	9 14 24.0	29 36.0	0.038 9113	5 0864	10 38.2
29	23 0 57.06	5 29.24	− 8 44 48.0	30 51.0	0.043 9977	4 9562	10 39.7
30	23 6 26.30	5 33.53	8 13 57.0	32 4.9	0.048 9539	4 8277	10 41.3
31	23 11 59.83	5 37.72	7 41 52.1	33 17.8	0.053 7816	4 7002	10 43.0
April 1	23 17 37.55	5 41.87	7 8 34.3	34 29.4	0.058 4818	4 5737	10 44.7
2	23 23 19.42	5 45.97	6 34 4.9	35 39.8	0.063 0555	4 4476	10 46.5
3	23 29 5.39	5 50.09	5 58 25.1	36 49.3	0.067 5031	4 3211	10 48.3
4	23 34 55.48	5 54.24	− 5 21 35.8	37 57.4	0.071 8242	4 1936	10 50.3
5	23 40 49.72	5 58.40	4 43 38.4	39 4.4	0.076 0178	4 0651	10 52.3
6	23 46 48.12	6 2.64	4 4 34.0	40 10.2	0.080 0829	3 9340	10 54.3
7	23 52 50.76	6 6.97	3 24 23.8	41 14.6	0.084 0169	3 8011	10 56.5
8	23 58 57.73	6 11.42	2 43 9.2	42 17.8	0.087 8180	3 6643	10 58.7
9	0 5 9.15	6 15.98	2 0 51.4	43 19.5	0.091 4823	3 5227	11 1.0
10	0 11 25.13	6 20.70	− 1 17 31.9	44 19.5	0.095 0050	3 3760	11 3.3
11	0 17 45.83	6 25.57	− 0 33 12.4	45 18.0	0.098 3810	3 2227	11 5.8
12	0 24 11.40	6 30.63	+ 0 12 5.6	46 14.4	0.101 6037	3 0626	11 8.3
13	0 30 42.03	6 35.86	0 58 20.0	47 8.9	0.104 6663	2 8930	11 10.9
14	0 37 17.89	6 41.31	1 45 28.9	48 0.8	0.107 5593	2 7141	11 13.6
15	0 43 59.20	6 46.96	2 33 29.7	48 50.2	0.110 2734	2 5235	11 16.4
16	0 50 46.16	6 52.80	+ 3 22 19.9	49 36.6	0.112 7969	2 3208	11 19.3
17	0 57 38.96	6 58.88	4 11 56.5	50 19.3	0.115 1177	2 1038	11 22.3
18	1 4 37.84	7 5.11	5 2 15.8	50 58.4	0.117 2215	1 8710	11 25.4
19	1 11 42.95	7 11.55	5 53 14.2	51 32.7	0.119 0925	1 6219	11 28.6
20	1 18 54.50	7 18.14	6 44 46.9	52 2.2	0.120 7144	1 3540	11 31.9
21	1 26 12.64	7 24.85	7 36 49.1	52 25.7	0.122 0684	1 0656	11 35.3
22	1 33 37.49	7 31.63	+ 8 29 14.8	52 42.7	0.123 1340	7568	11 38.8
23	1 41 9.12	7 38.41	9 21 57.5	52 52.6	0.123 8908	4259	11 42.5
24	1 48 47.53	7 45.17	10 14 50.1	52 54.3	0.124 3167	721	11 46.3
25	1 56 32.70	7 51.75	11 7 44.4	52 46.8	0.124 3888	3053	11 50.1
26	2 4 24.45	7 58.13	12 0 31.2	52 29.1	0.124 0835	7053	11 54.1
27	2 12 22.58	8 4.12	12 53 0.3	52 1.0	0.123 3782	1 1272	11 58.2
28	2 20 26.70	8 9.64	+13 45 1.3	51 21.3	0.122 2510	1 5702	12 2.4
29	2 28 36.34	8 14.57	14 36 22.6	50 29.7	0.120 6808	2 0312	12 6.7
30	2 36 50.91	8 18.76	15 26 52.3	49 25.4	0.118 6496	2 5086	12 11.0
Mai 1	2 45 9.67	8 22.09	16 16 17.7	48 9.0	0.116 1410	2 9969	12 15.4
2	2 53 31.76	8 24.45	17 4 26.7	46 39.8	0.113 1441	3 4934	12 19.9
3	3 1 56.21		+17 51 6.5		0.109 6507		12 24.4

Tag	0ʰ Welt-Zeit: Scheinbare Rektaszension		0ʰ Welt-Zeit: Scheinbare Deklination		0ʰ Welt-Zeit: log Δ		Obere Kulmination in Greenwich
1935	h m s	m s	° ′ ″	′ ″			h m
Mai 3	3 1 56.21	8 25.71	+17 51 6.5	44 58.8	0.109 6507	3 9927	12 24.4
4	3 10 21.92	8 25.82	18 36 5.3	43 6.6	0.105 6580	4 4902	12 28.9
5	3 18 47.74	8 24.72	19 19 11.9	41 4.2	0.101 1678	4 9810	12 33.4
6	3 27 12.46	8 22.35	20 0 16.1	38 52.9	0.096 1868	5 4598	12 37.9
7	3 35 34.81	8 18.75	20 39 9.0	36 34.2	0.090 7270	5 9235	12 42.3
8	3 43 53.56	8 13.91	21 15 43.2	34 9.5	0.084 8035	6 3673	12 46.6
9	3 52 7.47	8 7.87	+21 49 52.7	31 40.4	0.078 4362	6 7891	12 50.9
10	4 0 15.34	8 0.69	22 21 33.1	29 8.7	0.071 6471	7 1861	12 55.0
11	4 8 16.03	7 52.47	22 50 41.8	26 35.5	0.064 4610	7 5569	12 59.0
12	4 16 8.50	7 43.24	23 17 17.3	24 2.7	0.056 9041	7 9013	13 2.9
13	4 23 51.74	7 33.11	23 41 20.0	21 30.9	0.049 0028	8 2185	13 6.6
14	4 31 24.85	7 22.15	24 2 50.9	19 1.5	0.040 7843	8 5086	13 10.1
15	4 38 47.00	7 10.42	+24 21 52.4	16 35.4	0.032 2757	8 7722	13 13.4
16	4 45 57.42	6 58.00	24 38 27.8	14 13.1	0.023 5035	9 0111	13 16.5
17	4 52 55.42	6 44.91	24 52 40.9	11 55.3	0.014 4924	9 2244	13 19.4
18	4 59 40.33	6 31.28	25 4 36.2	9 42.5	0.005 2680	9 4153	13 22.1
19	5 6 11.61	6 17.08	25 14 18.7	7 34.9	9.995 8527	9 5832	13 24.6
20	5 12 28.69	6 2.40	25 21 53.6	5 32.8	9.986 2695	9 7297	13 26.8
21	5 18 31.09	5 47.22	+25 27 26.4	3 36.1	9.976 5398	9 8552	13 28.8
22	5 24 18.31	5 31.62	25 31 2.5	1 45.2	9.966 6846	9 9602	13 30.5
23	5 29 49.93	5 15.55	25 32 47.7	0 0.0	9.956 7244	10 0462	13 31.9
24	5 35 5.48	4 59.08	25 32 47.7	1 39.5	9.946 6782	10 1117	13 33.1
25	5 40 4.56	4 42.18	25 31 8.2	3 13.4	9.936 5665	10 1577	13 33.9
26	5 44 46.74	4 24.89	25 27 54.8	4 41.9	9.926 4088	10 1834	13 34.5
27	5 49 11.63	4 7.19	+25 23 12.9	6 4.7	9.916 2254	10 1884	13 34.8
28	5 53 18.82	3 49.12	25 17 8.2	7 22.4	9.906 0370	10 1715	13 34.9
29	5 57 7.94	3 30.65	25 9 45.8	8 34.7	9.895 8655	10 1323	13 34.6
30	6 0 38.59	3 11.81	25 1 11.1	9 41.7	9.885 7332	10 0684	13 33.9
31	6 3 50.40	2 52.63	24 51 29.4	10 43.7	9.875 6648	9 9782	13 33.0
Juni 1	6 6 43.03	2 33.12	24 40 45.7	11 40.6	9.865 6866	9 8610	13 31.8
2	6 9 16.15	2 13.33	+24 29 5.1	12 32.8	9.855 8256	9 7125	13 30.2
3	6 11 29.48	1 53.26	24 16 32.3	13 19.5	9.846 1131	9 5308	13 28.3
4	6 13 22.74	1 33.05	24 3 12.8	14 1.7	9.836 5823	9 3145	13 26.1
5	6 14 55.79	1 12.69	23 49 11.1	14 39.1	9.827 2678	9 0610	13 23.5
6	6 16 8.48	0 52.33	23 34 32.0	15 11.6	9.818 2068	8 7656	13 20.6
7	6 17 0.81	0 32.03	23 19 20.4	15 38.9	9.809 4412	8 4267	13 17.3
8	6 17 32.84	0 11.97	+23 3 41.5	16 1.2	9.801 0145	8 0425	13 13.7
9	6 17 44.81	0 7.75	22 47 40.3	16 18.5	9.792 9720	7 6102	13 9.8
10	6 17 37.06	0 26.94	22 31 21.8	16 30.6	9.785 3618	7 1280	13 5.6
11	6 17 10.12	0 45.44	22 14 51.2	16 36.7	9.778 2338	6 5949	13 1.0
12	6 16 24.68	1 3.02	21 58 14.5	16 37.4	9.771 6389	6 0106	12 56.2
13	6 15 21.66		+21 41 37.1		9.765 6283		12 51.1

Tag	Scheinbare Rektaszension (0h Welt-Zeit)	Diff.	Scheinbare Deklination (0h Welt-Zeit)	Diff.	log Δ (0h Welt-Zeit)	Diff.	Obere Kulmination in Greenwich
1935	h m s	m s	° ′ ″	′ ″			h m
Juni 13	6 15 21.66	1 19.48	+21 41 37.1	16 31.7	9.765 6283	5 3747	12 51.1
14	6 14 2.18	1 34.62	21 25 5.4	16 20.1	9.760 2536	4 6912	12 45.7
15	6 12 27.56	1 48.17	21 8 45.3	16 1.7	9.755 5624	3 9600	12 40.1
16	6 10 39.39	1 59.98	20 52 43.6	15 36.4	9.751 6024	3 1864	12 34.2
17	6 8 39.41	2 9.80	20 37 7.2	15 4.1	9.748 4160	2 3760	12 28.2
18	6 6 29.61	2 17.49	20 22 3.1	14 24.3	9.746 0400	1 5350	12 22.1
19	6 4 12.12	2 22.89	+20 7 38.8	13 37.7	9.744 5050	6700	12 15.8
20	6 1 49.23	2 25.93	19 54 1.1	12 43.8	9.743 8350	2106	12 9.5
21	5 59 23.30	2 26.51	19 41 17.3	11 42.7	9.744 0456	1 0972	12 3.1
22	5 56 56.79	2 24.66	19 29 34.6	10 35.3	9.745 1428	1 9807	11 56.8
23	5 54 32.13	2 20.37	19 18 59.3	9 21.8	9.747 1235	2 8531	11 50.5
24	5 52 11.76	2 13.76	19 9 37.5	8 3.1	9.749 9766	3 7045	11 44.3
25	5 49 58.00	2 4.94	+19 1 34.4	6 39.5	9.753 6811	4 5296	11 38.2
26	5 47 53.06	1 54.05	18 54 54.9	5 12.8	9.758 2107	5 3183	11 32.3
27	5 45 59.01	1 41.29	18 49 42.1	3 43.2	9.763 5290	6 0661	11 26.6
28	5 44 17.72	1 26.80	18 45 58.9	2 12.2	9.769 5951	6 7697	11 21.1
29	5 42 50.92	1 10.85	18 43 46.7	0 40.8	9.776 3648	7 4223	11 15.8
30	5 41 40.07	0 53.59	18 43 5.9	0 49.9	9.783 7871	8 0249	11 10.8
Juli 1	5 40 46.48	0 35.24	+18 43 55.8	2 18.7	9.791 8120	8 5744	11 6.1
2	5 40 11.24	0 15.97	18 46 14.5	3 45.1	9.800 3864	9 0703	11 1.8
3	5 39 55.27	0 4.04	18 49 59.6	5 7.6	9.809 4567	9 5131	10 57.7
4	5 39 59.31	0 24.62	18 55 7.2	6 25.6	9.818 9698	9 9046	10 54.0
5	5 40 23.93	0 45.65	19 1 32.8	7 38.4	9.828 8744	10 2459	10 50.7
6	5 41 9.58	1 7.03	19 9 11.2	8 45.1	9.839 1203	10 5380	10 47.7
7	5 42 16.61	1 28.66	+19 17 56.3	9 45.2	9.849 6583	10 7851	10 45.0
8	5 43 45.27	1 50.42	19 27 41.5	10 38.3	9.860 4434	10 9871	10 42.7
9	5 45 35.69	2 12.27	19 38 19.8	11 23.3	9.871 4305	11 1476	10 40.8
10	5 47 47.96	2 34.15	19 49 43.1	12 0.3	9.882 5781	11 2680	10 39.2
11	5 50 22.11	2 56.06	20 1 43.4	12 28.7	9.893 8461	11 3494	10 38.0
12	5 53 18.17	3 17.88	20 14 12.1	12 47.8	9.905 1955	11 3942	10 37.1
13	5 56 36.05	3 39.62	+20 26 59.9	12 57.6	9.916 5897	11 4045	10 36.6
14	6 0 15.67	4 1.27	20 39 57.5	12 57.4	9.927 9942	11 3798	10 36.5
15	6 4 16.94	4 22.75	20 52 54.9	12 46.9	9.939 3740	11 3218	10 36.8
16	6 8 39.69	4 44.06	21 5 41.8	12 25.7	9.950 6958	11 2300	10 37.4
17	6 13 23.75	5 5.13	21 18 7.5	11 53.5	9.961 9258	11 1059	10 38.3
18	6 18 28.88	5 25.91	21 30 1.0	11 9.7	9.973 0317	10 9484	10 39.6
19	6 23 54.79	5 46.30	+21 41 10.7	10 14.5	9.983 9801	10 7575	10 41.2
20	6 29 41.09	6 6.23	21 51 25.2	9 7.2	9.994 7376	10 5338	10 43.2
21	6 35 47.32	6 25.62	22 0 32.4	7 48.1	0.005 2714	10 2765	10 45.5
22	6 42 12.94	6 44.28	22 8 20.5	6 17.0	0.015 5479	9 9853	10 48.2
23	6 48 57.22	7 2.13	22 14 37.5	4 34.1	0.025 5332	9 6611	10 51.1
24	6 55 59.35		+22 19 11.6		0.035 1943		10 54.3

Tag		0h Welt-Zeit Scheinbare Rektaszension (h m s)	Diff. (m s)	Scheinbare Deklination (° ′ ″)	Diff. (′ ″)	log Δ	Diff.	Obere Kulmination in Greenwich (h m)
1935								
Juli	24	6 55 59.35	7 18.97	+22 19 11.6	2 40.2	0.035 1943	9 3047	10 54.3
	25	7 3 18.32	7 34.67	22 21 51.8	0 35.3	0.044 4990	8 9167	10 57.8
	26	7 10 52.99	7 49.06	22 22 27.1	1 39.0	0.053 4157	8 4991	11 1.6
	27	7 18 42.05	8 1.94	22 20 48.1	4 1.9	0.061 9148	8 0543	11 5.6
	28	7 26 43.99	8 13.24	22 16 46.2	6 31.9	0.069 9691	7 5859	11 9.8
	29	7 34 57.23	8 22.77	22 10 14.3	9 7.0	0.077 5550	7 0974	11 14.1
	30	7 43 20.00	8 30.49	+22 1 7.3	11 45.8	0.084 6524	6 5938	11 18.6
	31	7 51 50.49	8 36.31	21 49 21.5	14 26.0	0.091 2462	6 0794	11 23.3
Aug.	1	8 0 26.80	8 40.26	21 34 55.5	17 5.6	0.097 3256	5 5610	11 28.0
	2	8 9 7.06	8 42.38	21 17 49.9	19 43.0	0.102 8866	5 0417	11 32.8
	3	8 17 49.44	8 42.76	20 58 6.9	22 15.9	0.107 9283	4 5279	11 37.6
	4	8 26 32.20	8 41.48	20 35 51.0	24 43.3	0.112 4562	4 0243	11 42.3
	5	8 35 13.68	8 38.73	+20 11 7.7	27 3.3	0.116 4805	3 5344	11 47.1
	6	8 43 52.41	8 34.67	19 44 4.4	29 15.6	0.120 0149	3 0615	11 51.8
	7	8 52 27.08	8 29.47	19 14 48.8	31 18.7	0.123 0764	2 6088	11 56.4
	8	9 0 56.55	8 23.34	18 43 30.1	33 12.5	0.125 6852	2 1773	12 0.9
	9	9 9 19.89	8 16.42	18 10 17.6	34 56.8	0.127 8625	1 7688	12 5.3
	10	9 17 36.31	8 8.94	17 35 20.8	36 31.7	0.129 6313	1 3833	12 9.6
	11	9 25 45.25	8 0.96	+16 58 49.1	37 56.9	0.131 0146	1 0211	12 13.7
	12	9 33 46.21	7 52.71	16 20 52.2	39 13.3	0.132 0357	6814	12 17.7
	13	9 41 38.92	7 44.27	15 41 38.9	40 21.1	0.132 7171	3636	12 21.6
	14	9 49 23.19	7 35.71	15 1 17.8	41 20.5	0.133 0807	659	12 25.3
	15	9 56 58.90	7 27.19	14 19 57.3	42 12.1	0.133 1466	2120	12 28.9
	16	10 4 26.09	7 18.71	13 37 45.2	42 56.7	0.132 9346	4722	12 32.4
	17	10 11 44.80	7 10.36	+12 54 48.5	43 34.5	0.132 4624	7161	12 35.7
	18	10 18 55.16	7 2.18	12 11 14.0	44 6.5	0.131 7463	9450	12 38.8
	19	10 25 57.34	6 54.20	11 27 7.5	44 32.3	0.130 8013	1 1607	12 41.9
	20	10 32 51.54	6 46.43	10 42 35.2	44 53.2	0.129 6406	1 3638	12 44.8
	21	10 39 37.97	6 38.90	9 57 42.0	45 8.9	0.128 2768	1 5566	12 47.5
	22	10 46 16.87	6 31.63	9 12 33.1	45 20.5	0.126 7202	1 7396	12 50.2
	23	10 52 48.50	6 24.57	+ 8 27 12.6	45 27.9	0.124 9806	1 9144	12 52.7
	24	10 59 13.07	6 17.80	7 41 44.7	45 31.4	0.123 0662	2 0822	12 55.1
	25	11 5 30.87	6 11.25	6 56 13.3	45 31.4	0.120 9840	2 2435	12 57.4
	26	11 11 42.12	6 4.94	6 10 41.9	45 28.2	0.118 7405	2 3998	12 59.6
	27	11 17 47.06	5 58.87	5 25 13.7	45 21.8	0.116 3407	2 5517	13 1.7
	28	11 23 45.93	5 53.01	4 39 51.9	45 12.8	0.113 7890	2 7003	13 3.7
	29	11 29 38.94	5 47.35	+ 3 54 39.1	45 1.2	0.111 0887	2 8461	13 5.6
	30	11 35 26.29	5 41.89	3 9 37.9	44 46.8	0.108 2426	2 9897	13 7.4
	31	11 41 8.18	5 36.60	2 24 51.1	44 30.2	0.105 2529	3 1321	13 9.1
Sept.	1	11 46 44.78	5 31.47	1 40 20.9	44 11.3	0.102 1208	3 2744	13 10.7
	2	11 52 16.25	5 26.48	0 56 9.6	43 50.1	0.098 8464	3 4155	13 12.3
	3	11 57 42.73		+ 0 12 19.5		0.095 4309		13 13.7

Tag		0h Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Obere Kulmination in Greenwich
1935		h m s	m s	° ′ ″	′ ″			h m
Sept.	3	11 57 42.73	5 21.62	+ 0 12 19.5	43 27.1	0.095 4309	3 5579	13 13.7
	4	12 3 4.35	5 16.88	− 0 31 7.6	43 1.9	0.091 8730	3 7012	13 15.1
	5	12 8 21.23	5 12.19	1 14 9.5	42 34.6	0.088 1718	3 8458	13 16.4
	6	12 13 33.42	5 7.59	1 56 44.1	42 5.4	0.084 3260	3 9922	13 17.6
	7	12 18 41.01	5 3.02	2 38 49.5	41 34.1	0.080 3338	4 1410	13 18.7
	8	12 23 44.03	4 58.47	3 20 23.6	41 1.0	0.076 1928	4 2931	13 19.8
	9	12 28 42.50	4 53.94	− 4 1 24.6	40 25.7	0.071 8997	4 4476	13 20.8
	10	12 33 36.44	4 49.34	4 41 50.3	39 48.4	0.067 4521	4 6059	13 21.7
	11	12 38 25.78	4 44.70	5 21 38.7	39 8.9	0.062 8462	4 7681	13 22.5
	12	12 43 10.48	4 39.98	6 0 47.6	38 27.3	0.058 0781	4 9343	13 23.3
	13	12 47 50.46	4 35.12	6 39 14.9	37 43.5	0.053 1438	5 1050	13 24.0
	14	12 52 25.58	4 30.12	7 16 58.4	36 57.1	0.048 0388	5 2807	13 24.6
	15	12 56 55.70	4 24.91	− 7 53 55.5	36 8.2	0.042 7581	5 4611	13 25.1
	16	13 1 20.61	4 19.48	8 30 3.7	35 16.5	0.037 2970	5 6470	13 25.5
	17	13 5 40.09	4 13.75	9 5 20.2	34 22.0	0.031 6500	5 8380	13 25.9
	18	13 9 53.84	4 7.68	9 39 42.2	33 24.1	0.025 8120	6 0342	13 26.1
	19	13 14 1.52	4 1.24	10 13 6.3	32 23.0	0.019 7778	6 2354	13 26.2
	20	13 18 2.76	3 54.32	10 45 29.3	31 17.9	0.013 5424	6 4418	13 26.2
	21	13 21 57.08	3 46.91	−11 16 47.2	30 8.9	0.007 1006	6 6535	13 26.1
	22	13 25 43.99	3 38.87	11 46 56.1	28 55.3	0.000 4471	6 8685	13 25.9
	23	13 29 22.86	3 30.19	12 15 51.4	27 36.7	9.993 5786	7 0868	13 25.5
	24	13 32 53.05	3 20.75	12 43 28.1	26 12.5	9.986 4918	7 3073	13 25.0
	25	13 36 13.80	3 10.43	13 9 40.6	24 42.6	9.979 1845	7 5283	13 24.3
	26	13 39 24.23	2 59.20	13 34 23.2	23 5.7	9.971 6562	7 7485	13 23.4
	27	13 42 23.43	2 46.91	−13 57 28.9	21 21.6	9.963 9077	7 9641	13 22.3
	28	13 45 10.34	2 33.44	14 18 50.5	19 29.2	9.955 9436	8 1738	13 21.1
	29	13 47 43.78	2 18.74	14 38 19.7	17 27.7	9.947 7698	8 3719	13 19.6
	30	13 50 2.52	2 2.63	14 55 47.4	15 16.0	9.939 3979	8 5543	13 17.8
Okt.	1	13 52 5.15	1 45.05	15 11 3.4	12 53.3	9.930 8436	8 7153	13 15.7
	2	13 53 50.20	1 25.91	15 23 56.7	10 18.5	9.922 1283	8 8476	13 13.4
	3	13 55 16.11	1 5.13	−15 34 15.2	7 30.2	9.913 2807	8 9407	13 10.7
	4	13 56 21.24	0 42.67	15 41 45.4	4 27.8	9.904 3400	8 9855	13 7.6
	5	13 57 3.91	0 18.56	15 46 13.2	1 10.2	9.895 3545	8 9693	13 4.2
	6	13 57 22.47	0 7.15	15 47 23.4	2 23.2	9.886 3852	8 8773	13 0.3
	7	13 57 15.32	0 34.25	15 45 0.2	6 12.4	9.877 5079	8 6931	12 56.0
	8	13 56 41.07	1 2.52	15 38 47.8	10 16.9	9.868 8148	8 3989	12 51.3
	9	13 55 38.55	1 31.46	−15 28 30.9	14 35.1	9.860 4159	7 9768	12 46.1
	10	13 54 7.09	2 0.59	15 13 55.8	19 3.6	9.852 4391	7 4068	12 40.4
	11	13 52 6.50	2 29.10	14 54 52.2	23 38.6	9.845 0323	6 6719	12 34.2
	12	13 49 37.40	2 56.13	14 31 13.6	28 12.9	9.838 3604	5 7602	12 27.5
	13	13 46 41.27	3 20.61	14 3 0.7	32 38.2	9.832 6002	4 6620	12 20.5
	14	13 43 20.66		−13 30 22.5		9.827 9382		12 13.1

Tag		0ʰ Welt-Zeit Scheinbare Rektaszension	Diff.	Scheinbare Deklination	Diff.	log Δ	Diff.	Obere Kulmination in Greenwich
1935		h m s	m s	° ′ ″	′ ″			h m
Okt.	14	13 43 20.66	3 41.40	−13 30 22.5	36 44.0	9.827 9382	3 3809	12 13.1
	15	13 39 39.26	3 57.35	12 53 38.5	40 18.2	9.824 5573	1 9290	12 5.3
	16	13 35 41.91	4 7.37	12 13 20.3	43 8.5	9.822 6283	3307	11 57.4
	17	13 31 34.54	4 10.63	11 30 11.8	45 3.2	9.822 2976	1 3741	11 49.3
	18	13 27 23.91	4 6.55	10 45 8.6	45 52.7	9.823 6717	3 1363	11 41.3
	19	13 23 17.36	3 54.97	9 59 15.9	45 30.6	9.826 8080	4 8973	11 33.3
	20	13 19 22.39	3 36.14	− 9 13 45.3	43 55.9	9.831 7053	6 5984	11 25.6
	21	13 15 46.25	3 10.78	8 29 49.4	41 10.9	9.838 3037	8 1800	11 18.3
	22	13 12 35.47	2 39.88	7 48 38.5	37 23.7	9.846 4837	9 5954	11 11.5
	23	13 9 55.59	2 4.71	7 11 14.8	32 45.0	9.856 0791	10 8058	11 5.2
	24	13 7 50.88	1 26.60	6 38 29.8	27 27.9	9.866 8849	11 7903	10 59.4
	25	13 6 24.28	0 46.94	6 11 1.9	21 45.9	9.878 6752	12 5394	10 54.3
	26	13 5 37.34	0 6.94	− 5 49 16.0	15 52.1	9.891 2146	13 0588	10 49.9
	27	13 5 30.40	0 32.30	5 33 23.9	9 58.1	9.904 2734	13 3639	10 46.2
	28	13 6 2.70	1 9.93	5 23 25.8	4 14.0	9.917 6373	13 4751	10 43.1
	29	13 7 12.63	1 45.34	5 19 11.8	1 13.4	9.931 1124	13 4191	10 40.6
	30	13 8 57.97	2 18.10	5 20 25.2	6 18.3	9.944 5315	13 2237	10 38.7
	31	13 11 16.07	2 47.96	5 26 43.5	10 57.2	9.957 7552	12 9161	10 37.2
Nov.	1	13 14 4.03	3 14.87	− 5 37 40.7	15 8.5	9.970 6713	12 5218	10 36.3
	2	13 17 18.90	3 38.84	5 52 49.2	18 51.7	9.983 1931	12 0638	10 35.8
	3	13 20 57.74	4 0.03	6 11 40.9	22 7.1	9.995 2569	11 5616	10 35.6
	4	13 24 57.77	4 18.60	6 33 48.0	24 56.0	0.006 8185	11 0317	10 35.8
	5	13 29 16.37	4 34.79	6 58 44.0	27 19.8	0.017 8502	10 4884	10 36.3
	6	13 33 51.16	4 48.88	7 26 3.8	29 21.0	0.028 3386	9 9417	10 37.1
	7	13 38 40.04	5 1.04	− 7 55 24.8	31 0.9	0.038 2803	9 4006	10 38.1
	8	13 43 41.08	5 11.54	8 26 25.7	32 21.9	0.047 6809	8 8707	10 39.2
	9	13 48 52.62	5 20.64	8 58 47.6	33 26.2	0.056 5516	8 3558	10 40.5
	10	13 54 13.26	5 28.46	9 32 13.8	34 15.2	0.064 9074	7 8596	10 42.0
	11	13 59 41.72	5 35.24	10 6 29.0	34 50.6	0.072 7670	7 3842	10 43.6
	12	14 5 16.96	5 41.13	10 41 19.6	35 14.6	0.080 1512	6 9296	10 45.3
	13	14 10 58.09	5 46.27	−11 16 34.2	35 28.1	0.087 0808	6 4971	10 47.1
	14	14 16 44.36	5 50.76	11 52 2.3	35 32.1	0.093 5779	6 0854	10 48.9
	15	14 22 35.12	5 54.75	12 27 34.4	35 28.5	0.099 6633	5 6949	10 50.9
	16	14 28 29.87	5 58.29	13 3 2.9	35 17.5	0.105 3582	5 3241	10 52.9
	17	14 34 28.16	6 1.49	13 38 20.4	35 0.3	0.110 6823	4 9725	10 54.9
	18	14 40 29.65	6 4.39	14 13 20.7	34 37.5	0.115 6548	4 6387	10 57.0
	19	14 46 34.04	6 7.04	−14 47 58.2	34 9.9	0.120 2935	4 3219	10 59.2
	20	14 52 41.08	6 9.53	15 22 8.1	33 37.9	0.124 6154	4 0210	11 1.4
	21	14 58 50.61	6 11.86	15 55 46.0	33 2.0	0.128 6364	3 7348	11 3.6
	22	15 5 2.47	6 14.07	16 28 48.0	32 22.7	0.132 3712	3 4617	11 5.9
	23	15 11 16.54	6 16.20	17 1 10.7	31 40.0	0.135 8329	3 2016	11 8.2
	24	15 17 32.74		−17 32 50.7		0.139 0345		11 10.5

Tag	0ʰ Welt-Zeit						Obere Kulmination in Greenwich
	Scheinbare Rektaszension		Scheinbare Deklination		log Δ		
1935	h m s	m s	° ′ ″	′ ″			h m
Nov. 24	15 17 32.74	6 18.27	−17 32 50.7	30 54.8	0.139 0345	2 9524	11 10.5
25	15 23 51.01	6 20.26	18 3 45.5	30 6.8	0.141 9869	2 7140	11 12.9
26	15 30 11.27	6 22.24	18 33 52.3	29 16.3	0.144 7009	2 4853	11 15.3
27	15 36 33.51	6 24.21	19 3 8.6	28 23.8	0.147 1862	2 2651	11 17.8
28	15 42 57.72	6 26.11	19 31 32.4	27 29.1	0.149 4513	2 0524	11 20.3
29	15 49 23.83	6 28.05	19 59 1.5	26 32.6	0.151 5037	1 8474	11 22.8
30	15 55 51.88	6 29.95	−20 25 34.1	25 33.9	0.153 3511	1 6486	11 25.3
Dez. 1	16 2 21.83	6 31.87	20 51 8.0	24 34.0	0.154 9997	1 4556	11 27.9
2	16 8 53.70	6 33.78	21 15 42.0	23 32.0	0.156 4553	1 2670	11 30.5
3	16 15 27.48	6 35.68	21 39 14.0	22 28.6	0.157 7223	1 0833	11 33.1
4	16 22 3.16	6 37.59	22 1 42.6	21 23.5	0.158 8056	9032	11 35.8
5	16 28 40.75	6 39.47	22 23 6.1	20 16.9	0.159 7088	7264	11 38.5
6	16 35 20.22	6 41.37	−22 43 23.0	19 9.1	0.160 4352	5523	11 41.3
7	16 42 1.59	6 43.22	23 2 32.1	17 59.5	0.160 9875	3796	11 44.0
8	16 48 44.81	6 45.08	23 20 31.6	16 48.5	0.161 3671	2090	11 46.8
9	16 55 29.89	6 46.90	23 37 20.1	15 36.2	0.161 5761	389	11 49.7
10	17 2 16.79	6 48.68	23 52 56.3	14 22.5	0.161 6150	$\overline{1308}$	11 52.5
11	17 9 5.47	6 50.43	24 7 18.8	13 7.2	0.161 4842	3004	11 55.4
12	17 15 55.90	6 52.12	−24 20 26.0	11 50.8	0.161 1838	4710	11 58.3
13	17 22 48.02	6 53.75	24 32 16.8	10 32.9	0.160 7128	6430	12 1.3
14	17 29 41.77	6 55.32	24 42 49.7	9 13.5	0.160 0698	8171	12 4.2
15	17 36 37.09	6 56.78	24 52 3.2	7 53.0	0.159 2527	9928	12 7.2
16	17 43 33.87	6 58.17	24 59 56.2	6 31.1	0.158 2599	1 1724	12 10.2
17	17 50 32.04	6 59.44	25 6 27.3	5 7.9	0.157 0875	1 3547	12 13.3
18	17 57 31.48	7 0.60	−25 11 35.2	3 43.4	0.155 7328	1 5420	12 16.4
19	18 4 32.08	7 1.59	25 15 18.6	2 17.7	0.154 1908	1 7337	12 19.5
20	18 11 33.67	7 2.46	25 17 36.3	0 51.0	0.152 4571	1 9310	12 22.6
21	18 18 36.13	7 3.13	25 18 27.3	$\overline{0\ 37.2}$	0.150 5261	2 1345	12 25.7
22	18 25 39.26	7 3.65	25 17 50.1	2 6.2	0.148 3916	2 3451	12 28.8
23	18 32 42.91	7 3.93	25 15 43.9	3 36.3	0.146 0465	2 5636	12 31.9
24	18 39 46.84	7 3.98	−25 12 7.6	5 7.1	0.143 4829	2 7901	12 35.0
25	18 46 50.82	7 3.77	25 7 0.5	6 39.0	0.140 6928	3 0267	12 38.2
26	18 53 54.59	7 3.29	25 0 21.5	8 11.4	0.137 6661	3 2735	12 41.3
27	19 0 57.88	7 2.48	24 52 10.1	9 44.3	0.134 3926	3 5312	12 44.4
28	19 8 0.36	7 1.31	24 42 25.8	11 17.6	0.130 8614	3 8020	12 47.5
29	19 15 1.67	6 59.75	24 31 8.2	12 51.0	0.127 0594	4 0861	12 50.6
30	19 22 1.42	6 57.77	−24 18 17.2	14 24.4	0.122 9733	4 3842	12 53.6
31	19 28 59.19	6 55.29	24 3 52.8	15 57.3	0.118 5891	4 6982	12 56.6
32	19 35 54.48		−23 47 55.5		0.113 8909		12 59.6

Tag	0h Welt-Zeit: Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Obere Kulmination in Greenwich
1935	h m s	m s	° ′ ″	′ ″			h m
Jan. 0	19 21 55.22	5 25.45	−23 11 38.2	9 7.1	0.223 9795	4480	12 47.8
1	19 27 20.67	5 24.65	23 2 31.1	9 49.4	0.223 5315	4584	12 49.3
2	19 32 45.32	5 23.81	22 52 41.7	10 31.3	0.223 0731	4688	12 50.7
3	19 38 9.13	5 22.92	22 42 10.4	11 12.7	0.222 6043	4795	12 52.2
4	19 43 32.05	5 21.97	22 30 57.7	11 53.7	0.222 1248	4902	12 53.6
5	19 48 54.02	5 20.99	22 19 4.0	12 34.1	0.221 6346	5010	12 55.0
6	19 54 15.01	5 19.95	−22 6 29.9	13 13.9	0.221 1336	5119	12 56.4
7	19 59 34.96	5 18.89	21 53 16.0	13 53.3	0.220 6217	5228	12 57.8
8	20 4 53.85	5 17.78	21 39 22.7	14 32.0	0.220 0989	5337	12 59.2
9	20 10 11.63	5 16.63	21 24 50.7	15 10.2	0.219 5652	5447	13 0.5
10	20 15 28.26	5 15.46	21 9 40.5	15 47.7	0.219 0205	5555	13 1.8
11	20 20 43.72	5 14.26	20 53 52.8	16 24.6	0.218 4650	5664	13 3.1
12	20 25 57.98	5 13.03	−20 37 28.2	17 0.9	0.217 8986	5772	13 4.4
13	20 31 11.01	5 11.78	20 20 27.3	17 36.4	0.217 3214	5881	13 5.7
14	20 36 22.79	5 10.52	20 2 50.9	18 11.3	0.216 7333	5988	13 6.9
15	20 41 33.31	5 9.24	19 44 39.6	18 45.5	0.216 1345	6096	13 8.2
16	20 46 42.55	5 7.94	19 25 54.1	19 19.0	0.215 5249	6204	13 9.4
17	20 51 50.49	5 6.65	19 6 35.1	19 51.7	0.214 9045	6312	13 10.5
18	20 56 57.14	5 5.34	−18 46 43.4	20 23.9	0.214 2733	6420	13 11.7
19	21 2 2.48	5 4.02	18 26 19.5	20 55.2	0.213 6313	6529	13 12.8
20	21 7 6.50	5 2.72	18 5 24.3	21 25.8	0.212 9784	6638	13 13.9
21	21 12 9.22	5 1.41	17 43 58.5	21 55.6	0.212 3146	6749	13 15.0
22	21 17 10.63	5 0.11	17 22 2.9	22 24.8	0.211 6397	6860	13 16.1
23	21 22 10.74	4 58.81	16 59 38.1	22 53.2	0.210 9537	6972	13 17.1
24	21 27 9.55	4 57.52	−16 36 44.9	23 20.7	0.210 2565	7084	13 18.2
25	21 32 7.07	4 56.24	16 13 24.2	23 47.6	0.209 5481	7198	13 19.2
26	21 37 3.31	4 54.99	15 49 36.6	24 13.7	0.208 8283	7313	13 20.2
27	21 41 58.30	4 53.73	15 25 22.9	24 38.9	0.208 0970	7430	13 21.1
28	21 46 52.03	4 52.50	15 0 44.0	25 3.5	0.207 3540	7547	13 22.1
29	21 51 44.53	4 51.28	14 35 40.5	25 27.2	0.206 5993	7667	13 23.0
30	21 56 35.81	4 50.09	−14 10 13.3	25 50.2	0.205 8326	7788	13 23.9
31	22 1 25.90	4 48.92	13 44 23.1	26 12.4	0.205 0538	7912	13 24.8
Febr. 1	22 6 14.82	4 47.76	13 18 10.7	26 33.7	0.204 2626	8036	13 25.6
2	22 11 2.58	4 46.63	12 51 37.0	26 54.3	0.203 4590	8164	13 26.4
3	22 15 49.21	4 45.53	12 24 42.7	27 14.0	0.202 6426	8292	13 27.3
4	22 20 34.74	4 44.44	11 57 28.7	27 33.0	0.201 8134	8422	13 28.1
5	22 25 19.18	4 43.39	−11 29 55.7	27 51.1	0.200 9712	8552	13 28.9
6	22 30 2.57	4 42.36	11 2 4.6	28 8.4	0.200 1160	8683	13 29.7
7	22 34 44.93	4 41.36	10 33 56.2	28 25.0	0.199 2477	8815	13 30.4
8	22 39 26.29	4 40.39	10 5 31.2	28 40.7	0.198 3662	8948	13 31.2
9	22 44 6.68	4 39.46	9 36 50.5	28 55.6	0.197 4714	9082	13 31.9
10	22 48 46.14		− 9 7 54.9		0.196 5632		13 32.6

Tag	0h Welt-Zeit: Scheinbare Rektaszension (h m s)	Diff. (m s)	0h Welt-Zeit: Scheinbare Deklination (° ′ ″)	Diff. (′ ″)	log Δ	Diff.	Obere Kulmination in Greenwich (h m)
1935							
Febr. 10	22 48 46.14	4 38.54	− 9 7 54.9	29 9.8	0.196 5632	9218	13 32.6
11	22 53 24.68	4 37.68	8 38 45.1	29 23.2	0.195 6414	9353	13 33.3
12	22 58 2.36	4 36.84	8 9 21.9	29 35.8	0.194 7061	9489	13 33.9
13	23 2 39.20	4 36.04	7 39 46.1	29 47.7	0.193 7572	9625	13 34.6
14	23 7 15.24	4 35.28	7 9 58.4	29 58.7	0.192 7947	9760	13 35.3
15	23 11 50.52	4 34.57	6 39 59.7	30 9.1	0.191 8187	9896	13 35.9
16	23 16 25.09	4 33.88	− 6 9 50.6	30 18.6	0.190 8291	1 0034	13 36.5
17	23 20 58.97	4 33.24	5 39 32.0	30 27.5	0.189 8257	1 0173	13 37.1
18	23 25 32.21	4 32.64	5 9 4.5	30 35.5	0.188 8084	1 0313	13 37.7
19	23 30 4.85	4 32.09	4 38 29.0	30 43.0	0.187 7771	1 0454	13 38.3
20	23 34 36.94	4 31.58	4 7 46.0	30 49.5	0.186 7317	1 0596	13 38.9
21	23 39 8.52	4 31.09	3 36 56.5	30 55.4	0.185 6721	1 0740	13 39.5
22	23 43 39.61	4 30.67	− 3 6 1.1	31 0.6	0.184 5981	1 0885	13 40.1
23	23 48 10.28	4 30.29	2 35 0.5	31 5.0	0.183 5096	1 1031	13 40.7
24	23 52 40.57	4 29.94	2 3 55.5	31 8.6	0.182 4065	1 1179	13 41.2
25	23 57 10.51	4 29.65	1 32 46.9	31 11.6	0.181 2886	1 1330	13 41.8
26	0 1 40.16	4 29.39	1 1 35.3	31 13.9	0.180 1556	1 1482	13 42.3
27	0 6 9.55	4 29.17	− 0 30 21.4	31 15.3	0.179 0074	1 1636	13 42.9
28	0 10 38.72	4 29.01	+ 0 0 53.9	31 16.0	0.177 8438	1 1794	13 43.4
März 1	0 15 7.73	4 28.88	0 32 9.9	31 16.1	0.176 6644	1 1953	13 43.9
2	0 19 36.61	4 28.80	1 3 26.0	31 15.3	0.175 4691	1 2117	13 44.5
3	0 24 5.41	4 28.76	1 34 41.3	31 13.9	0.174 2574	1 2283	13 45.0
4	0 28 34.17	4 28.76	2 5 55.2	31 11.6	0.173 0291	1 2450	13 45.5
5	0 33 2.93	4 28.79	2 37 6.8	31 8.6	0.171 7841	1 2619	13 46.1
6	0 37 31.72	4 28.86	+ 3 8 15.4	31 4.8	0.170 5222	1 2791	13 46.6
7	0 42 0.58	4 28.97	3 39 20.2	31 0.3	0.169 2431	1 2964	13 47.2
8	0 46 29.55	4 29.12	4 10 20.5	30 55.1	0.167 9467	1 3139	13 47.7
9	0 50 58.67	4 29.31	4 41 15.6	30 49.1	0.166 6328	1 3316	13 48.3
10	0 55 27.98	4 29.54	5 12 4.7	30 42.4	0.165 3012	1 3493	13 48.8
11	0 59 57.52	4 29.80	5 42 47.1	30 34.8	0.163 9519	1 3673	13 49.4
12	1 4 27.32	4 30.10	+ 6 13 21.9	30 26.7	0.162 5846	1 3853	13 49.9
13	1 8 57.42	4 30.43	6 43 48.6	30 17.7	0.161 1993	1 4034	13 50.5
14	1 13 27.85	4 30.81	7 14 6.3	30 8.0	0.159 7959	1 4216	13 51.0
15	1 17 58.66	4 31.22	7 44 14.3	29 57.5	0.158 3743	1 4398	13 51.6
16	1 22 29.88	4 31.67	8 14 11.8	29 46.5	0.156 9345	1 4584	13 52.2
17	1 27 1.55	4 32.15	8 43 58.3	29 34.6	0.155 4761	1 4770	13 52.8
18	1 31 33.70	4 32.67	+ 9 13 32.9	29 22.0	0.153 9991	1 4958	13 53.4
19	1 36 6.37	4 33.23	9 42 54.9	29 8.7	0.152 5033	1 5147	13 54.0
20	1 40 39.60	4 33.82	10 12 3.6	28 54.6	0.150 9886	1 5338	13 54.6
21	1 45 13.42	4 34.44	10 40 58.2	28 39.9	0.149 4548	1 5530	13 55.3
22	1 49 47.86	4 35.10	11 9 38.1	28 24.4	0.147 9018	1 5723	13 55.9
23	1 54 22.96		+11 38 2.5		0.146 3295		13 56.5

Tag		0h Welt-Zeit: Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Obere Kulmination in Greenwich
1935		h m s	m s	° ′ ″	′ ″			h m
März	23	1 54 22.06	4 35.78	+11 38 2.5	28 8.3	0.146 3295	1 5919	13 56.5
	24	1 58 58.74	4 36.50	12 6 10.8	27 51.3	0.144 7376	1 6116	13 57.2
	25	2 3 35.24	4 37.25	12 34 2.1	27 33.6	0.143 1260	1 6316	13 57.9
	26	2 8 12.49	4 38.02	13 1 35.7	27 15.3	0.141 4944	1 6519	13 58.6
	27	2 12 50.51	4 38.83	13 28 51.0	26 56.2	0.139 8425	1 6723	13 59.3
	28	2 17 29.34	4 39.66	13 55 47.2	26 36.4	0.138 1702	1 6931	14 0.0
	29	2 22 9.00	4 40.51	+14 22 23.6	26 15.7	0.136 4771	1 7142	14 0.7
	30	2 26 49.51	4 41.38	14 48 39.3	25 54.6	0.134 7629	1 7356	14 1.4
	31	2 31 30.89	4 42.28	15 14 33.9	25 32.4	0.133 0273	1 7573	14 2.2
April	1	2 36 13.17	4 43.18	15 40 6.3	25 9.8	0.131 2700	1 7793	14 3.0
	2	2 40 56.35	4 44.10	16 5 16.1	24 46.1	0.129 4907	1 8017	14 3.8
	3	2 45 40.45	4 45.03	16 30 2.2	24 21.9	0.127 6890	1 8245	14 4.6
	4	2 50 25.48	4 45.98	+16 54 24.1	23 57.1	0.125 8645	1 8474	14 5.4
	5	2 55 11.46	4 46.92	17 18 21.2	23 31.2	0.124 0171	1 8707	14 6.2
	6	2 59 58.38	4 47.86	17 41 52.4	23 4.9	0.122 1464	1 8941	14 7.0
	7	3 4 46.24	4 48.81	18 4 57.3	22 37.7	0.120 2523	1 9178	14 7.9
	8	3 9 35.05	4 49.76	18 27 35.0	22 9.9	0.118 3345	1 9417	14 8.8
	9	3 14 24.81	4 50.70	18 49 44.9	21 41.4	0.116 3928	1 9658	14 9.7
	10	3 19 15.51	4 51.65	+19 11 26.3	21 12.2	0.114 4270	1 9900	14 10.6
	11	3 24 7.16	4 52.57	19 32 38.5	20 42.4	0.112 4370	2 0145	14 11.5
	12	3 28 59.73	4 53.50	19 53 20.9	20 11.8	0.110 4225	2 0390	14 12.5
	13	3 33 53.23	4 54.42	20 13 32.7	19 40.7	0.108 3835	2 0638	14 13.4
	14	3 38 47.65	4 55.32	20 33 13.4	19 8.9	0.106 3197	2 0887	14 14.4
	15	3 43 42.97	4 56.20	20 52 22.3	18 36.4	0.104 2310	2 1139	14 15.4
	16	3 48 39.17	4 57.08	+21 10 58.7	18 3.5	0.102 1171	2 1392	14 16.4
	17	3 53 36.25	4 57.92	21 29 2.2	17 29.8	0.099 9779	2 1646	14 17.4
	18	3 58 34.17	4 58.74	21 46 32.0	16 55.7	0.097 8133	2 1904	14 18.4
	19	4 3 32.91	4 59.55	22 3 27.7	16 20.9	0.095 6229	2 2162	14 19.5
	20	4 8 32.46	5 0.32	22 19 48.6	15 45.6	0.093 4067	2 2422	14 20.5
	21	4 13 32.78	5 1.07	22 35 34.2	15 9.9	0.091 1645	2 2685	14 21.6
	22	4 18 33.85	5 1.79	+22 50 44.1	14 33.5	0.088 8960	2 2951	14 22.7
	23	4 23 35.64	5 2.47	23 5 17.6	13 56.7	0.086 6009	2 3217	14 23.8
	24	4 28 38.11	5 3.12	23 19 14.3	13 19.5	0.084 2792	2 3488	14 24.9
	25	4 33 41.23	5 3.74	23 32 33.8	12 41.7	0.081 9304	2 3761	14 26.0
	26	4 38 44.97	5 4.30	23 45 15.5	12 3.6	0.079 5543	2 4039	14 27.2
	27	4 43 49.27	5 4.83	23 57 19.1	11 25.0	0.077 1504	2 4320	14 28.3
	28	4 48 54.10	5 5.30	+24 8 44.1	10 46.0	0.074 7184	2 4605	14 29.4
	29	4 53 59.40	5 5.73	24 19 30.1	10 6.7	0.072 2579	2 4894	14 30.6
	30	4 59 5.13	5 6.11	24 29 36.8	9 27.0	0.069 7685	2 5187	14 31.7
Mai	1	5 4 11.24	5 6.42	24 39 3.8	8 47.1	0.067 2498	2 5485	14 32.9
	2	5 9 17.66	5 6.68	24 47 50.9	8 6.9	0.064 7013	2 5785	14 34.1
	3	5 14 24.34		+24 55 57.8		0.062 1228		14 35.3

Tag	0h Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Obere Kulmination in Greenwich
1935	h m s	m s	° ′ ″	′ ″			h m
Mai 3	5 14 24.34	5 6.88	+24 55 57.8	7 26.3	0.062 1228	2 6091	14 35.3
4	5 19 31.22	5 7.01	25 3 24.1	6 45.6	0.059 5137	2 6399	14 36.4
5	5 24 38.23	5 7.07	25 10 9.7	6 4.7	0.056 8738	2 6711	14 37.6
6	5 29 45.30	5 7.06	25 16 14.4	5 23.7	0.054 2027	2 7027	14 38.8
7	5 34 52.36	5 6.98	25 21 38.1	4 42.4	0.051 5000	2 7345	14 39.9
8	5 39 59.34	5 6.84	25 26 20.5	4 1.2	0.048 7655	2 7666	14 41.1
9	5 45 6.18	5 6.62	+25 30 21.7	3 19.9	0.045 9989	2 7989	14 42.3
10	5 50 12.80	5 6.33	25 33 41.6	2 38.5	0.043 2000	2 8316	14 43.5
11	5 55 19.13	5 5.97	25 36 20.1	1 57.2	0.040 3684	2 8645	14 44.6
12	6 0 25.10	5 5.54	25 38 17.3	1 15.9	0.037 5039	2 8977	14 45.8
13	6 5 30.64	5 5.04	25 39 33.2	0 34.7	0.034 6062	2 9310	14 46.9
14	6 10 35.68	5 4.46	25 40 7.9	0 6.4	0.031 6752	2 9647	14 48.1
15	6 15 40.14	5 3.82	+25 40 1.5	0 47.4	0.028 7105	2 9986	14 49.2
16	6 20 43.96	5 3.10	25 39 14.1	1 28.2	0.025 7119	3 0327	14 50.3
17	6 25 47.06	5 2.32	25 37 45.9	2 8.9	0.022 6792	3 0671	14 51.4
18	6 30 49.38	5 1.46	25 35 37.0	2 49.2	0.019 6121	3 1018	14 52.5
19	6 35 50.84	5 0.55	25 32 47.8	3 29.4	0.016 5103	3 1367	14 53.6
20	6 40 51.39	4 59.57	25 29 18.4	4 9.3	0.013 3736	3 1719	14 54.6
21	6 45 50.96	4 58.51	+25 25 9.1	4 48.8	0.010 2017	3 2074	14 55.6
22	6 50 49.47	4 57.40	25 20 20.3	5 28.1	0.006 9943	3 2432	14 56.7
23	6 55 46.87	4 56.24	25 14 52.2	6 7.0	0.003 7511	3 2795	14 57.7
24	7 0 43.11	4 55.01	25 8 45.2	6 45.5	0.000 4716	3 3161	14 58.7
25	7 5 38.12	4 53.72	25 1 59.7	7 23.7	9.997 1555	3 3533	14 59.6
26	7 10 31.84	4 52.38	24 54 36.0	8 1.3	9.993 8022	3 3909	15 0.6
27	7 15 24.22	4 50.98	+24 46 34.7	8 38.5	9.990 4113	3 4290	15 1.5
28	7 20 15.20	4 49.53	24 37 56.2	9 15.2	9.986 9823	3 4677	15 2.4
29	7 25 4.73	4 48.01	24 28 41.0	9 51.5	9.983 5146	3 5070	15 3.2
30	7 29 52.74	4 46.44	24 18 49.5	10 27.2	9.980 0076	3 5469	15 4.1
31	7 34 39.18	4 44.82	24 8 22.3	11 2.4	9.976 4607	3 5871	15 4.9
Juni 1	7 39 24.00	4 43.14	23 57 19.9	11 36.9	9.972 8736	3 6281	15 5.7
2	7 44 7.14	4 41.40	+23 45 43.0	12 10.8	9.969 2455	3 6696	15 6.4
3	7 48 48.54	4 39.62	23 33 32.2	12 44.2	9.965 5759	3 7116	15 7.2
4	7 53 28.16	4 37.78	23 20 48.0	13 16.8	9.961 8643	3 7540	15 7.9
5	7 58 5.94	4 35.90	23 7 31.2	13 48.9	9.958 1103	3 7970	15 8.5
6	8 2 41.84	4 33.97	22 53 42.3	14 20.2	9.954 3133	3 8405	15 9.2
7	8 7 15.81	4 32.00	22 39 22.1	14 50.8	9.950 4728	3 8843	15 9.8
8	8 11 47.81	4 29.98	+22 24 31.3	15 20.7	9.946 5885	3 9287	15 10.3
9	8 16 17.79	4 27.93	22 9 10.6	15 49.9	9.942 6598	3 9733	15 10.9
10	8 20 45.72	4 25.83	21 53 20.7	16 18.4	9.938 6865	4 0185	15 11.4
11	8 25 11.55	4 23.69	21 37 2.3	16 46.2	9.934 6680	4 0641	15 11.8
12	8 29 35.24	4 21.53	21 20 16.1	17 13.2	9.930 6039	4 1099	15 12.3
13	8 33 56.77		+21 3 2.9		9.926 4940		15 12.7

Tag	0h Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Obere Kulmination in Greenwich
1935	h m s	m s	° ′ ″	′ ″			h m
Juni 13	8 33 56.77	4 19.32	+21 3 2.9	17 39.4	9.926 4940	4 1563	15 12.7
14	8 38 16.09	4 17.08	20 45 23.5	18 4.9	9.922 3377	4 2030	15 13.0
15	8 42 33.17	4 14.81	20 27 18.6	18 29.7	9.918 1347	4 2501	15 13.3
16	8 46 47.98	4 12.52	20 8 48.9	18 53.6	9.913 8846	4 2975	15 13.6
17	8 51 0.50	4 10.20	19 49 55.3	19 16.9	9.909 5871	4 3453	15 13.8
18	8 55 10.70	4 7.85	19 30 38.4	19 39.3	9.905 2418	4 3935	15 14.0
19	8 59 18.55	4 5.49	+19 10 59.1	20 1.1	9.900 8483	4 4421	15 14.2
20	9 3 24.04	4 3.10	18 50 58.0	20 22.0	9.896 4062	4 4913	15 14.3
21	9 7 27.14	4 0.68	18 30 36.0	20 42.2	9.891 9149	4 5409	15 14.4
22	9 11 27.82	3 58.25	18 9 53.8	21 1.8	9.887 3740	4 5912	15 14.5
23	9 15 26.07	3 55.80	17 48 52.0	21 20.4	9.882 7828	4 6420	15 14.5
24	9 19 21.87	3 53.32	17 27 31.6	21 38.4	9.878 1408	4 6935	15 14.4
25	9 23 15.19	3 50.82	+17 5 53.2	21 55.5	9.873 4473	4 7458	15 14.3
26	9 27 6.01	3 48.29	16 43 57.7	22 11.8	9.868 7015	4 7987	15 14.2
27	9 30 54.30	3 45.74	16 21 45.9	22 27.3	9.863 9028	4 8524	15 14.1
28	9 34 40.04	3 43.16	15 59 18.6	22 42.1	9.859 0504	4 9068	15 13.9
29	9 38 23.20	3 40.54	15 36 36.5	22 55.9	9.854 1436	4 9619	15 13.6
30	9 42 3.74	3 37.89	15 13 40.6	23 8.9	9.849 1817	5 0177	15 13.3
Juli 1	9 45 41.63	3 35.21	+14 50 31.7	23 21.2	9.844 1640	5 0742	15 13.0
2	9 49 16.84	3 32.48	14 27 10.5	23 32.4	9.839 0898	5 1314	15 12.6
3	9 52 49.32	3 29.71	14 3 38.1	23 42.9	9.833 9584	5 1891	15 12.2
4	9 56 19.03	3 26.91	13 39 55.2	23 52.5	9.828 7693	5 2475	15 11.7
5	9 59 45.94	3 24.05	13 16 2.7	24 1.1	9.823 5218	5 3063	15 11.2
6	10 3 9.99	3 21.16	12 52 1.6	24 8.9	9.818 2155	5 3656	15 10.6
7	10 6 31.15	3 18.20	+12 27 52.7	24 15.9	9.812 8499	5 4253	15 10.0
8	10 9 49.35	3 15.20	12 3 36.8	24 21.8	9.807 4246	5 4853	15 9.3
9	10 13 4.55	3 12.15	11 39 15.0	24 27.0	9.801 9393	5 5457	15 8.6
10	10 16 16.70	3 9.03	11 14 48.0	24 31.1	9.796 3936	5 6063	15 7.8
11	10 19 25.73	3 5.85	10 50 16.9	24 34.4	9.790 7873	5 6671	15 7.0
12	10 22 31.58	3 2.60	10 25 42.5	24 36.6	9.785 1202	5 7281	15 6.1
13	10 25 34.18	2 59.30	+10 1 5.9	24 38.0	9.779 3921	5 7890	15 5.2
14	10 28 33.48	2 55.92	9 36 27.9	24 38.4	9.773 6031	5 8499	15 4.2
15	10 31 29.40	2 52.47	9 11 49.5	24 37.9	9.767 7532	5 9106	15 3.1
16	10 34 21.87	2 48.95	8 47 11.6	24 36.5	9.761 8426	5 9709	15 2.0
17	10 37 10.82	2 45.34	8 22 35.1	24 33.9	9.755 8717	6 0308	15 0.9
18	10 39 56.16	2 41.67	7 58 1.2	24 30.7	9.749 8409	6 0908	14 59.6
19	10 42 37.83	2 37.90	+ 7 33 30.5	24 26.2	9.743 7501	6 1502	14 58.3
20	10 45 15.73	2 34.05	7 9 4.3	24 20.9	9.737 5999	6 2092	14 57.0
21	10 47 49.78	2 30.10	6 44 43.4	24 14.6	9.731 3907	6 2676	14 55.6
22	10 50 19.88	2 26.06	6 20 28.8	24 7.1	9.725 1231	6 3257	14 54.1
23	10 52 45.94	2 21.91	5 56 21.7	23 58.5	9.718 7974	6 3832	14 52.6
24	10 55 7.85		+ 5 32 23.2		9.712 4142		14 50.9

Tag		0h Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Obere Kulmination in Greenwich
1935		h m s	m s	° ′ ″	′ ″			h m
Juli	24	10 55 7.85	2 17.64	+5 32 23.2	23 48.9	9.712 4142	6 4399	14 50.9
	25	10 57 25.49	2 13.26	5 8 34.3	23 37.9	9.705 9743	6 4955	14 49.2
	26	10 59 38.75	2 8.74	4 44 56.4	23 25.8	9.699 4788	6 5502	14 47.5
	27	11 1 47.49	2 4.10	4 21 30.6	23 12.4	9.692 9286	6 6037	14 45.7
	28	11 3 51.59	1 59.29	3 58 18.2	22 57.7	9.686 3249	6 6557	14 43.7
	29	11 5 50.88	1 54.34	3 35 20.5	22 41.5	9.679 6692	6 7058	14 41.7
	30	11 7 45.22	1 49.23	+3 12 39.0	22 23.8	9.672 9634	6 7537	14 39.6
	31	11 9 34.45	1 43.94	2 50 15.2	22 4.7	9.666 2097	6 7991	14 37.5
Aug.	1	11 11 18.39	1 38.50	2 28 10.5	21 43.9	9.659 4106	6 8414	14 35.2
	2	11 12 56.89	1 32.88	2 6 26.6	21 21.5	9.652 5692	6 8806	14 32.8
	3	11 14 29.77	1 27.05	1 45 5.1	20 57.3	9.645 6886	6 9160	14 30.4
	4	11 15 56.82	1 21.04	1 24 7.8	20 31.5	9.638 7726	6 9473	14 27.8
	5	11 17 17.86	1 14.84	+1 3 36.3	20 3.6	9.631 8253	6 9732	14 25.2
	6	11 18 32.70	1 8.43	0 43 32.7	19 34.0	9.624 8521	6 9939	14 22.4
	7	11 19 41.13	1 1.81	0 23 58.7	19 2.0	9.617 8582	7 0087	14 19.6
	8	11 20 42.94	0 55.01	+0 4 56.7	18 28.1	9.610 8495	7 0168	14 16.6
	9	11 21 37.95	0 47.99	−0 13 31.4	17 52.2	9.603 8327	7 0173	14 13.5
	10	11 22 25.94	0 40.79	0 31 23.6	17 14.0	9.596 8154	7 0094	14 10.3
	11	11 23 6.73	0 33.38	−0 48 37.6	16 33.5	9.589 8060	6 9923	14 7.0
	12	11 23 40.11	0 25.78	1 5 11.1	15 50.5	9.582 8137	6 9653	14 3.5
	13	11 24 5.89	0 18.02	1 21 1.6	15 5.3	9.575 8484	6 9275	14 0.0
	14	11 24 23.91	0 10.12	1 36 6.9	14 17.5	9.568 9209	6 8780	13 56.3
	15	11 24 34.03	0 2.05	1 50 24.4	13 27.3	9.562 0429	6 8158	13 52.4
	16	11 24 36.08	0 6.13	2 3 51.7	12 34.7	9.555 2271	6 7402	13 48.4
	17	11 24 29.95	0 14.39	−2 16 26.4	11 39.6	9.548 4869	6 6505	13 44.3
	18	11 24 15.56	0 22.73	2 28 6.0	10 42.0	9.541 8364	6 5458	13 40.1
	19	11 23 52.83	0 31.11	2 38 48.0	9 41.9	9.535 2906	6 4258	13 35.7
	20	11 23 21.72	0 39.51	2 48 29.9	8 39.3	9.528 8648	6 2891	13 31.1
	21	11 22 42.21	0 47.87	2 57 9.2	7 34.3	9.522 5757	6 1350	13 26.5
	22	11 21 54.34	0 56.19	3 4 43.5	6 27.0	9.516 4407	5 9625	13 21.7
	23	11 20 58.15	1 4.40	−3 11 10.5	5 17.5	9.510 4782	5 7716	13 16.8
	24	11 19 53.75	1 12.46	3 16 28.0	4 6.1	9.504 7066	5 5610	13 11.7
	25	11 18 41.29	1 20.32	3 20 34.1	2 52.7	9.499 1456	5 3308	13 6.5
	26	11 17 20.97	1 27.90	3 23 26.8	1 37.8	9.493 8148	5 0804	13 1.1
	27	11 15 53.07	1 35.19	3 25 4.6	0 21.6	9.488 7344	4 8096	12 55.7
	28	11 14 17.88	1 42.10	3 25 26.2	0 55.6	9.483 9248	4 5182	12 50.1
	29	11 12 35.78	1 48.55	−3 24 30.6	2 13.1	9.479 4066	4 2063	12 44.4
	30	11 10 47.23	1 54.50	3 22 17.5	3 30.6	9.475 2003	3 8746	12 38.7
	31	11 8 52.73	1 59.92	3 18 46.9	4 47.9	9.471 3257	3 5237	12 32.8
Sept.	1	11 6 52.81	2 4.69	3 13 59.0	6 4.1	9.467 8020	3 1551	12 26.8
	2	11 4 48.12	2 8.77	3 7 54.9	7 18.6	9.464 6469	2 7697	12 20.8
	3	11 2 39.35		−3 0 36.3		9.461 8772		12 14.7

Tag	0h Welt-Zeit: Scheinbare Rektaszension	Diff.	0h Welt-Zeit: Scheinbare Deklination	Diff.	0h Welt-Zeit: log Δ	Diff.	Obere Kulmination in Greenwich
1935	h m s	m s	° ′ ″	′ ″			h m
Sept. 3	11 2 39.35	2 12.13	−3 0 36.3	8 31.3	9.461 8772	2 3693	12 14.7
4	11 0 27.22	2 14.71	2 52 5.0	9 40.9	9.459 5079	1 9555	12 8.6
5	10 58 12.51	2 16.47	2 42 24.1	10 47.2	9.457 5524	1 5302	12 2.4
6	10 55 56.04	2 17.39	2 31 36.9	11 49.8	9.456 0222	1 0960	11 56.2
7	10 53 38.65	2 17.42	2 19 47.1	12 47.9	9.454 9262	6553	11 50.0
8	10 51 21.23	2 16.60	2 6 59.2	13 40.9	9.454 2709	2109	11 43.8
9	10 49 4.63	2 14.87	−1 53 18.3	14 28.5	9.454 0600	2347	11 37.6
10	10 46 49.76	2 12.29	1 38 49.8	15 10.3	9.454 2947	6788	11 31.5
11	10 44 37.47	2 8.83	1 23 39.5	15 46.1	9.454 9735	1 1182	11 25.4
12	10 42 28.64	2 4.57	1 7 53.4	16 15.5	9.456 0917	1 5499	11 19.4
13	10 40 24.07	1 59.52	0 51 37.9	16 38.7	9.457 6416	1 9715	11 13.4
14	10 38 24.55	1 53.76	0 34 59.2	16 55.2	9.459 6131	2 3805	11 7.5
15	10 36 30.79	1 47.32	−0 18 4.0	17 5.4	9.461 9936	2 7747	11 1.8
16	10 34 43.47	1 40.28	−0 0 58.6	17 9.5	9.464 7683	3 1523	10 56.1
17	10 33 3.19	1 32.71	+0 16 10.9	17 7.8	9.467 9206	3 5116	10 50.6
18	10 31 30.48	1 24.70	0 33 18.7	17 0.2	9.471 4322	3 8512	10 45.2
19	10 30 5.78	1 16.31	0 50 18.9	16 47.5	9.475 2834	4 1704	10 39.9
20	10 28 49.47	1 7.60	1 7 6.4	16 29.9	9.479 4538	4 4688	10 34.8
21	10 27 41.87	0 58.64	+1 23 36.3	16 7.9	9.483 9226	4 7461	10 29.8
22	10 26 43.23	0 49.48	1 39 44.2	15 41.6	9.488 6687	5 0021	10 24.9
23	10 25 53.75	0 40.22	1 55 25.8	15 11.8	9.493 6708	5 2373	10 20.2
24	10 25 13.53	0 30.89	2 10 37.6	14 38.4	9.498 9081	5 4522	10 15.7
25	10 24 42.64	0 21.54	2 25 16.0	14 2.2	9.504 3603	5 6470	10 11.3
26	10 24 21.10	0 12.20	2 39 18.2	13 23.4	9.510 0073	5 8223	10 7.1
27	10 24 8.90	0 2.93	+2 52 41.6	12 42.5	9.515 8296	5 9791	10 3.0
28	10 24 5.97	0 6.23	3 5 24.1	11 59.5	9.521 8087	6 1184	9 59.1
29	10 24 12.20	0 15.27	3 17 23.6	11 14.9	9.527 9271	6 2409	9 55.4
30	10 24 27.47	0 24.16	3 28 38.5	10 29.1	9.534 1680	6 3475	9 51.8
Okt. 1	10 24 51.63	0 32.88	3 39 7.6	9 42.1	9.540 5155	6 4393	9 48.3
2	10 25 24.51	0 41.39	3 48 49.7	8 54.3	9.546 9548	6 5174	9 45.0
3	10 26 5.90	0 49.69	+3 57 44.0	8 5.8	9.553 4722	6 5827	9 41.8
4	10 26 55.59	0 57.78	4 5 49.8	7 16.9	9.560 0549	6 6361	9 38.7
5	10 27 53.37	1 5.65	4 13 6.7	6 27.5	9.566 6910	6 6783	9 35.8
6	10 28 59.02	1 13.29	4 19 34.2	5 38.0	9.573 3693	6 7101	9 33.0
7	10 30 12.31	1 20.70	4 25 12.2	4 48.5	9.580 0794	6 7324	9 30.3
8	10 31 33.01	1 27.86	4 30 0.7	3 59.0	9.586 8118	6 7463	9 27.8
9	10 33 0.87	1 34.78	+4 33 59.7	3 9.6	9.593 5581	6 7520	9 25.3
10	10 34 35.65	1 41.49	4 37 9.3	2 20.5	9.600 3101	6 7502	9 23.0
11	10 36 17.14	1 47.96	4 39 29.8	1 31.6	9.607 0603	6 7414	9 20.8
12	10 38 5.10	1 54.19	4 41 1.4	0 43.3	9.613 8017	6 7264	9 18.7
13	10 39 59.29	2 0.19	4 41 44.7	0 4.6	9.620 5281	6 7054	9 16.7
14	10 41 59.48		+4 41 40.1		9.627 2335		9 14.8

Tag	0h Welt-Zeit: Scheinbare Rektaszension		0h Welt-Zeit: Scheinbare Deklination		0h Welt-Zeit: log Δ		Obere Kulmination in Greenwich
1935	h m s	m s	° ′ ″	′ ″			h m
Okt. 14	10 41 59.48	2 5.97	+4 41 40.1	0 52.0	9.627 2335	6 6791	9 14.8
15	10 44 5.45	2 11.51	4 40 48.1	1 38.5	9.633 9126	6 6478	9 13.0
16	10 46 16.96	2 16.84	4 39 9.6	2 24.5	9.640 5604	6 6123	9 11.3
17	10 48 33.80	2 21.93	4 36 45.1	3 9.7	9.647 1727	6 5729	9 9.7
18	10 50 55.73	2 26.82	4 33 35.4	3 54.0	9.653 7456	6 5300	9 8.1
19	10 53 22.55	2 31.49	4 29 41.4	4 37.6	9.660 2756	6 4843	9 6.7
20	10 55 54.04	2 35.95	+4 25 3.8	5 20.2	9.666 7599	6 4360	9 5.3
21	10 58 29.99	2 40.23	4 19 43.6	6 1.9	9.673 1959	6 3855	9 4.0
22	11 1 10.22	2 44.32	4 13 41.7	6 42.8	9.679 5814	6 3331	9 2.7
23	11 3 54.54	2 48.23	4 6 58.9	7 22.7	9.685 9145	6 2792	9 1.5
24	11 6 42.77	2 51.96	3 59 36.2	8 1.8	9.692 1937	6 2241	9 0.4
25	11 9 34.73	2 55.53	3 51 34.4	8 40.0	9.698 4178	6 1678	8 59.4
26	11 12 30.26	2 58.94	+3 42 54.4	9 17.2	9.704 5856	6 1108	8 58.4
27	11 15 29.20	3 2.21	3 33 37.2	9 53.5	9.710 6964	6 0531	8 57.4
28	11 18 31.41	3 5.32	3 23 43.7	10 28.9	9.716 7495	5 9950	8 56.6
29	11 21 36.73	3 8.30	3 13 14.8	11 3.3	9.722 7445	5 9365	8 55.7
30	11 24 45.03	3 11.16	3 2 11.5	11 36.8	9.728 6810	5 8780	8 54.9
31	11 27 56.19	3 13.89	2 50 34.7	12 9.6	9.734 5590	5 8194	8 54.2
Nov. 1	11 31 10.08	3 16.52	+2 38 25.1	12 41.3	9.740 3784	5 7610	8 53.5
2	11 34 26.60	3 19.03	2 25 43.8	13 12.1	9.746 1394	5 7027	8 52.8
3	11 37 45.63	3 21.45	2 12 31.7	13 42.3	9.751 8421	5 6446	8 52.2
4	11 41 7.08	3 23.78	1 58 49.4	14 11.4	9.757 4867	5 5868	8 51.7
5	11 44 30.86	3 26.03	1 44 38.0	14 39.8	9.763 0735	5 5295	8 51.1
6	11 47 56.89	3 28.20	1 29 58.2	15 7.3	9.768 6030	5 4723	8 50.6
7	11 51 25.09	3 30.29	+1 14 50.9	15 33.9	9.774 0753	5 4155	8 50.2
8	11 54 55.38	3 32.32	0 59 17.0	15 59.7	9.779 4908	5 3588	8 49.8
9	11 58 27.70	3 34.28	0 43 17.3	16 24.6	9.784 8496	5 3026	8 49.4
10	12 2 1.98	3 36.19	0 26 52.7	16 48.6	9.790 1522	5 2466	8 49.0
11	12 5 38.17	3 38.04	+0 10 4.1	17 11.8	9.795 3988	5 1908	8 48.7
12	12 9 16.21	3 39.84	−0 7 7.7	17 34.1	9.800 5896	5 1352	8 48.4
13	12 12 56.05	3 41.58	−0 24 41.8	17 55.5	9.805 7248	5 0798	8 48.1
14	12 16 37.63	3 43.27	0 42 37.3	18 15.9	9.810 8046	5 0249	8 47.9
15	12 20 20.90	3 44.91	1 0 53.2	18 35.4	9.815 8295	4 9702	8 47.7
16	12 24 5.81	3 46.51	1 19 28.6	18 54.1	9.820 7997	4 9158	8 47.5
17	12 27 52.32	3 48.07	1 38 22.7	19 11.7	9.825 7155	4 8619	8 47.3
18	12 31 40.39	3 49.60	1 57 34.4	19 28.4	9.830 5774	4 8084	8 47.2
19	12 35 29.99	3 51.06	−2 17 2.8	19 44.2	9.835 3858	4 7555	8 47.1
20	12 39 21.05	3 52.52	2 36 47.0	19 59.0	9.840 1413	4 7032	8 47.0
21	12 43 13.57	3 53.94	2 56 46.0	20 13.0	9.844 8445	4 6516	8 46.9
22	12 47 7.51	3 55.33	3 16 59.0	20 26.0	9.849 4961	4 6004	8 46.9
23	12 51 2.84	3 56.70	3 37 25.0	20 38.1	9.854 0965	4 5500	8 46.9
24	12 54 59.54		−3 58 3.1		9.858 6465		8 46.9

Tag		0h Welt-Zeit						Obere Kulmination in Greenwich
		Scheinbare Rektaszension		Scheinbare Deklination		log Δ		
1935		h m s	m s	° ′ ″	′ ″			h m
Nov.	24	12 54 59.54	3 58.04	− 3 58 3.1	20 49.3	9.858 6465	4 5000	8 46.9
	25	12 58 57.58	3 59.37	4 18 52.4	20 59.5	9.863 1465	4 4507	8 46.9
	26	13 2 56.95	4 0.67	4 39 51.9	21 8.9	9.867 5972	4 4021	8 47.0
	27	13 6 57.62	4 1.96	5 1 0.8	21 17.3	9.871 9993	4 3542	8 47.1
	28	13 10 59.58	4 3.24	5 22 18.1	21 25.0	9.876 3535	4 3072	8 47.2
	29	13 15 2.82	4 4.51	5 43 43.1	21 31.6	9.880 6607	4 2609	8 47.3
	30	13 19 7.33	4 5.77	− 6 5 14.7	21 37.4	9.884 9216	4 2153	8 47.4
Dez.	1	13 23 13.10	4 7.03	6 26 52.1	21 42.4	9.889 1369	4 1705	8 47.6
	2	13 27 20.13	4 8.28	6 48 34.5	21 46.6	9.893 3074	4 1264	8 47.8
	3	13 31 28.41	4 9.53	7 10 21.1	21 49.7	9.897 4338	4 0830	8 48.0
	4	13 35 37.94	4 10.79	7 32 10.8	21 52.2	9.901 5168	4 0403	8 48.2
	5	13 39 48.73	4 12.05	7 54 3.0	21 53.7	9.905 5571	3 9982	8 48.4
	6	13 44 0.78	4 13.32	− 8 15 56.7	21 54.4	9.909 5553	3 9565	8 48.7
	7	13 48 14.10	4 14.60	8 37 51.1	21 54.2	9.913 5118	3 9154	8 49.0
	8	13 52 28.70	4 15.88	8 59 45.3	21 53.2	9.917 4272	3 8748	8 49.3
	9	13 56 44.58	4 17.17	9 21 38.5	21 51.3	9.921 3020	3 8347	8 49.6
	10	14 1 1.75	4 18.47	9 43 29.8	21 48.6	9.925 1367	3 7949	8 50.0
	11	14 5 20.22	4 19.77	10 5 18.4	21 44.8	9.928 9316	3 7554	8 50.4
	12	14 9 39.99	4 21.08	−10 27 3.2	21 40.3	9.932 6870	3 7165	8 50.7
	13	14 14 1.07	4 22.40	10 48 43.5	21 34.9	9.936 4035	3 6778	8 51.1
	14	14 18 23.47	4 23.72	11 10 18.4	21 28.6	9.940 0813	3 6395	8 51.6
	15	14 22 47.19	4 25.05	11 31 47.0	21 21.3	9.943 7208	3 6015	8 52.1
	16	14 27 12.24	4 26.38	11 53 8.3	21 13.2	9.947 3223	3 5639	8 52.6
	17	14 31 38.62	4 27.71	12 14 21.5	21 4.2	9.950 8862	3 5266	8 53.1
	18	14 36 6.33	4 29.05	−12 35 25.7	20 54.3	9.954 4128	3 4899	8 53.6
	19	14 40 35.38	4 30.38	12 56 20.0	20 43.4	9.957 9027	3 4534	8 54.1
	20	14 45 5.76	4 31.72	13 17 3.4	20 31.8	9.961 3561	3 4174	8 54.7
	21	14 49 37.48	4 33.06	13 37 35.2	20 19.2	9.964 7735	3 3819	8 55.3
	22	14 54 10.54	4 34.39	13 57 54.4	20 5.7	9.968 1554	3 3467	8 55.9
	23	14 58 44.93	4 35.73	14 18 0.1	19 51.5	9.971 5021	3 3119	8 56.6
	24	15 3 20.66	4 37.07	−14 37 51.6	19 36.3	9.974 8140	3 2777	8 57.2
	25	15 7 57.73	4 38.39	14 57 27.9	19 20.2	9.978 0917	3 2439	8 57.9
	26	15 12 36.12	4 39.72	15 16 48.1	19 3.4	9.981 3356	3 2107	8 58.6
	27	15 17 15.84	4 41.04	15 35 51.5	18 45.7	9.984 5463	3 1779	8 59.3
	28	15 21 56.88	4 42.36	15 54 37.2	18 27.1	9.987 7242	3 1457	9 0.1
	29	15 26 39.24	4 43.68	16 13 4.3	18 7.8	9.990 8699	3 1140	9 0.8
	30	15 31 22.92	4 44.98	−16 31 12.1	17 47.6	9.993 9839	3 0828	9 1.6
	31	15 36 7.90	4 46.29	16 48 59.7	17 26.7	9.997 0667	3 0522	9 2.5
	32	15 40 54.19		−17 6 26.4		0.000 1189		9 3.3

Tag		0h Welt-Zeit						Obere Kulmination in Greenwich
		Scheinbare Rektaszension		Scheinbare Deklination		log Δ		
1935		h m s	m s	° ′ ″	′ ″			h m
Jan.	0	12 37 30.73	1 37.79	−1 38 39.0	9 38.6	0.132 1380	3 2044	6 2.0
	1	12 39 8.52	1 36.96	1 48 17.6	9 32.1	0.128 9336	3 2315	5 59.7
	2	12 40 45.48	1 36.11	1 57 49.7	9 25.5	0.125 7021	3 2586	5 57.4
	3	12 42 21.59	1 35.23	2 7 15.2	9 18.6	0.122 4435	3 2854	5 55.0
	4	12 43 56.82	1 34.33	2 16 33.8	9 11.8	0.119 1581	3 3123	5 52.7
	5	12 45 31.15	1 33.41	2 25 45.6	9 4.7	0.115 8458	3 3390	5 50.3
	6	12 47 4.56	1 32.48	−2 34 50.3	8 57.5	0.112 5068	3 3657	5 47.9
	7	12 48 37.04	1 31.52	2 43 47.8	8 50.2	0.109 1411	3 3921	5 45.5
	8	12 50 8.56	1 30.54	2 52 38.0	8 42.8	0.105 7490	3 4185	5 43.1
	9	12 51 39.10	1 29.55	3 1 20.8	8 35.3	0.102 3305	3 4447	5 40.7
	10	12 53 8.65	1 28.53	3 9 56.1	8 27.7	0.098 8858	3 4707	5 38.2
	11	12 54 37.18	1 27.49	3 18 23.8	8 20.0	0.095 4151	3 4967	5 35.8
	12	12 56 4.67	1 26.43	−3 26 43.8	8 12.2	0.091 9184	3 5227	5 33.3
	13	12 57 31.10	1 25.37	3 34 56.0	8 4.2	0.088 3957	3 5485	5 30.8
	14	12 58 56.47	1 24.26	3 43 0.2	7 56.2	0.084 8472	3 5744	5 28.2
	15	13 0 20.73	1 23.15	3 50 56.4	7 48.1	0.081 2728	3 6002	5 25.7
	16	13 1 43.88	1 22.01	3 58 44.5	7 39.7	0.077 6726	3 6260	5 23.1
	17	13 3 5.89	1 20.83	4 6 24.2	7 31.3	0.074 0466	3 6516	5 20.6
	18	13 4 26.72	1 19.63	−4 13 55.5	7 22.7	0.070 3950	3 6773	5 18.0
	19	13 5 46.35	1 18.41	4 21 18.2	7 14.0	0.066 7177	3 7028	5 15.4
	20	13 7 4.76	1 17.15	4 28 32.2	7 5.1	0.063 0149	3 7283	5 12.7
	21	13 8 21.91	1 15.87	4 35 37.3	6 56.1	0.059 2866	3 7535	5 10.1
	22	13 9 37.78	1 14.54	4 42 33.4	6 46.9	0.055 5331	3 7787	5 7.4
	23	13 10 52.32	1 13.19	4 49 20.3	6 37.6	0.051 7544	3 8035	5 4.7
	24	13 12 5.51	1 11.81	−4 55 57.9	6 28.1	0.047 9509	3 8283	5 2.0
	25	13 13 17.32	1 10.38	5 2 26.0	6 18.4	0.044 1226	3 8528	4 59.2
	26	13 14 27.70	1 8.92	5 8 44.4	6 8.5	0.040 2698	3 8769	4 56.4
	27	13 15 36.62	1 7.43	5 14 52.9	5 58.5	0.036 3929	3 9006	4 53.6
	28	13 16 44.05	1 5.89	5 20 51.4	5 48.3	0.032 4923	3 9238	4 50.8
	29	13 17 49.94	1 4.30	5 26 39.7	5 37.9	0.028 5685	3 9466	4 48.0
	30	13 18 54.24	1 2.69	−5 32 17.6	5 27.4	0.024 6219	3 9687	4 45.1
	31	13 19 56.93	1 1.03	5 37 45.0	5 16.7	0.020 6532	3 9901	4 42.2
Febr.	1	13 20 57.96	0 59.32	5 43 1.7	5 5.7	0.016 6631	4 0109	4 39.3
	2	13 21 57.28	0 57.58	5 48 7.4	4 54.8	0.012 6522	4 0311	4 36.3
	3	13 22 54.86	0 55.79	5 53 2.2	4 43.6	0.008 6211	4 0502	4 33.4
	4	13 23 50.65	0 53.96	5 57 45.8	4 32.3	0.004 5709	4 0684	4 30.4
	5	13 24 44.61	0 52.11	−6 2 18.1	4 20.8	0.000 5025	4 0856	4 27.3
	6	13 25 36.72	0 50.20	6 6 38.9	4 9.3	9.996 4169	4 1019	4 24.2
	7	13 26 26.92	0 48.26	6 10 48.2	3 57.5	9.992 3150	4 1169	4 21.1
	8	13 27 15.18	0 46.29	6 14 45.7	3 45.8	9.988 1981	4 1312	4 18.0
	9	13 28 1.47	0 44.27	6 18 31.5	3 33.7	9.984 0669	4 1444	4 14.8
	10	13 28 45.74		−6 22 5.2		9.979 9225		4 11.6

Tag	0h Welt-Zeit: Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Obere Kulmination in Greenwich
1935	h m s		° ′ ″	′ ″			h m
Febr. 10	13 28 45.74	42.22	−6 22 5.2	3 21.7	9.979 9225	4 1567	4 11.6
11	13 29 27.96	40.13	6 25 26.9	3 9.5	9.975 7658	4 1676	4 8.4
12	13 30 8.09	37.99	6 28 36.4	2 57.2	9.971 5982	4 1777	4 5.1
13	13 30 46.08	35.82	6 31 33.6	2 44.6	9.967 4205	4 1864	4 1.8
14	13 31 21.90	33.60	6 34 18.2	2 32.0	9.963 2341	4 1941	3 58.5
15	13 31 55.50	31.35	6 36 50.2	2 19.2	9.959 0400	4 2003	3 55.1
16	13 32 26.85	29.03	−6 39 9.4	2 6.3	9.954 8397	4 2052	3 51.7
17	13 32 55.88	26.69	6 41 15.7	1 53.1	9.950 6345	4 2087	3 48.2
18	13 33 22.57	24.29	6 43 8.8	1 39.7	9.946 4258	4 2105	3 44.7
19	13 33 46.86	21.86	6 44 48.5	1 26.2	9.942 2153	4 2107	3 41.2
20	13 34 8.72	19.37	6 46 14.7	1 12.6	9.938 0046	4 2091	3 37.6
21	13 34 28.09	16.83	6 47 27.3	0 58.8	9.933 7955	4 2057	3 34.0
22	13 34 44.92	14.27	−6 48 26.1	0 44.9	9.929 5898	4 2004	3 30.3
23	13 34 59.19	11.64	6 49 11.0	0 30.7	9.925 3894	4 1926	3 26.6
24	13 35 10.83	8.98	6 49 41.7	0 16.5	9.921 1968	4 1827	3 22.9
25	13 35 19.81	6.27	6 49 58.2	0 2.0	9.917 0141	4 1706	3 19.1
26	13 35 26.08	3.52	6 50 0.2	0 12.5	9.912 8435	4 1560	3 15.2
27	13 35 29.60	0.73	6 49 47.7	0 27.3	9.908 6875	4 1384	3 11.4
28	13 35 30.33	2.10	−6 49 20.4	0 42.1	9.904 5491	4 1180	3 7.4
März 1	13 35 28.23	4.96	6 48 38.3	0 56.9	9.900 4311	4 0946	3 3.5
2	13 35 23.27	7.85	6 47 41.4	1 11.9	9.896 3365	4 0683	2 59.5
3	13 35 15.42	10.78	6 46 29.5	1 26.9	9.892 2682	4 0385	2 55.4
4	13 35 4.64	13.71	6 45 2.6	1 41.8	9.888 2297	4 0051	2 51.3
5	13 34 50.93	16.67	6 43 20.8	1 56.8	9.884 2246	3 9684	2 47.1
6	13 34 34.26	19.63	−6 41 24.0	2 11.7	9.880 2562	3 9281	2 42.9
7	13 34 14.63	22.60	6 39 12.3	2 26.6	9.876 3281	3 8841	2 38.6
8	13 33 52.03	25.57	6 36 45.7	2 41.3	9.872 4440	3 8365	2 34.3
9	13 33 26.46	28.53	6 34 4.4	2 55.9	9.868 6075	3 7855	2 30.0
10	13 32 57.93	31.48	6 31 8.5	3 10.5	9.864 8220	3 7307	2 25.6
11	13 32 26.45	34.42	6 27 58.0	3 24.9	9.861 0913	3 6721	2 21.1
12	13 31 52.03	37.34	−6 24 33.1	3 39.2	9.857 4192	3 6099	2 16.6
13	13 31 14.69	40.25	6 20 53.9	3 53.2	9.853 8093	3 5438	2 12.0
14	13 30 34.44	43.12	6 17 0.7	4 7.1	9.850 2655	3 4740	2 7.4
15	13 29 51.32	45.97	6 12 53.6	4 20.7	9.846 7915	3 4002	2 2.8
16	13 29 5.35	48.78	6 8 32.9	4 34.1	9.843 3913	3 3225	1 58.1
17	13 28 16.57	51.54	6 3 58.8	4 47.2	9.840 0688	3 2408	1 53.3
18	13 27 25.03	54.27	−5 59 11.6	5 0.1	9.836 8280	3 1551	1 48.5
19	13 26 30.76	56.94	5 54 11.5	5 12.6	9.833 6729	3 0655	1 43.7
20	13 25 33.82	59.54	5 48 58.9	5 24.7	9.830 6074	2 9718	1 38.8
21	13 24 34.28	62.09	5 43 34.2	5 36.4	9.827 6356	2 8741	1 33.9
22	13 23 32.19	64.55	5 37 57.8	5 47.7	9.824 7615	2 7725	1 28.9
23	13 22 27.64		−5 32 10.1		9.821 9890		1 23.9

Tag		0h Welt-Zeit						Obere Kulmination in Greenwich
		Scheinbare Rektaszension		Scheinbare Deklination		log Δ		
1935		h m s	m s	° ′ ″	′ ″			h m
März	23	13 22 27.64	1 6.96	−5 32 10.1	5 58.5	9.821 9890	2 6669	1 23.9
	24	13 21 20.68	1 9.26	5 26 11.6	6 8.7	9.819 3221	2 5573	1 18.9
	25	13 20 11.42	1 11.47	5 20 2.9	6 18.4	9.816 7648	2 4438	1 13.8
	26	13 18 59.95	1 13.58	5 13 44.5	6 27.5	9.814 3210	2 3266	1 8.7
	27	13 17 46.37	1 15.58	5 7 17.0	6 35.9	9.811 9944	2 2057	1 3.5
	28	13 16 30.79	1 17.47	5 0 41.1	6 43.7	9.809 7887	2 0811	0 58.3
	29	13 15 13.32	1 19.23	−4 53 57.4	6 50.5	9.807 7076	1 9529	0 53.1
	30	13 13 54.09	1 20.85	4 47 6.9	6 56.8	9.805 7547	1 8213	0 47.9
	31	13 12 33.24	1 22.34	4 40 10.1	7 2.1	9.803 9334	1 6869	0 42.6
April	1	13 11 10.90	1 23.67	4 33 8.0	7 6.4	9.802 2465	1 5499	0 37.3
	2	13 9 47.23	1 24.84	4 26 1.6	7 9.9	9.800 6966	1 4101	0 32.0
	3	13 8 22.39	1 25.85	4 18 51.7	7 12.3	9.799 2865	1 2680	0 26.7
	4	13 6 56.54	1 26.69	−4 11 39.4	7 13.9	9.798 0185	1 1246	0 21.3
	5	13 5 29.85	1 27.35	4 4 25.5	7 14.3	9.796 8939	9801	0 16.0
	6	13 4 2.50	1 27.84	3 57 11.2	7 13.9	9.795 9138	8341	0 10.6
	7	13 2 34.66	1 28.17	3 49 57.3	7 12.5	9.795 0797	6874	{0 5.2 / 23 59.8}
	8	13 1 6.49	1 28.31	3 42 44.8	7 9.9	9.794 3923	5410	23 54.4
	9	12 59 38.18	1 28.28	3 35 34.9	7 6.6	9.793 8513	3946	23 49.0
	10	12 58 9.90	1 28.08	−3 28 28.3	7 2.2	9.793 4567	2484	23 43.6
	11	12 56 41.82	1 27.72	3 21 26.1	6 56.9	9.793 2083	1026	23 38.2
	12	12 55 14.10	1 27.19	3 14 29.2	6 50.7	9.793 1057	415	23 32.9
	13	12 53 46.91	1 26.50	3 7 38.5	6 43.7	9.793 1472	1845	23 27.5
	14	12 52 20.41	1 25.64	3 0 54.8	6 35.7	9.793 3317	3262	23 22.1
	15	12 50 54.77	1 24.64	2 54 19.1	6 27.0	9.793 6579	4661	23 16.8
	16	12 49 30.13	1 23.49	−2 47 52.1	6 17.4	9.794 1240	6036	23 11.5
	17	12 48 6.64	1 22.20	2 41 34.7	6 7.1	9.794 7276	7388	23 6.2
	18	12 46 44.44	1 20.76	2 35 27.6	5 56.0	9.795 4664	8718	23 0.9
	19	12 45 23.68	1 19.19	2 29 31.6	5 44.3	9.796 3382	1 0021	22 55.7
	20	12 44 4.49	1 17.50	2 23 47.3	5 31.9	9.797 3403	1 1293	22 50.5
	21	12 42 46.99	1 15.69	2 18 15.4	5 18.8	9.798 4696	1 2537	22 45.3
	22	12 41 31.30	1 13.75	−2 12 56.6	5 5.1	9.799 7233	1 3751	22 40.1
	23	12 40 17.55	1 11.71	2 7 51.5	4 51.0	9.801 0984	1 4935	22 35.0
	24	12 39 5.84	1 9.57	2 3 0.5	4 36.2	9.802 5919	1 6082	22 29.9
	25	12 37 56.27	1 7.31	1 58 24.3	4 20.9	9.804 2001	1 7196	22 24.9
	26	12 36 48.96	1 4.97	1 54 3.4	4 5.1	9.805 9197	1 8274	22 19.9
	27	12 35 43.99	1 2.54	1 49 58.3	3 48.9	9.807 7471	1 9315	22 14.9
	28	12 34 41.45	1 0.02	−1 46 9.4	3 32.3	9.809 6786	2 0317	22 10.0
	29	12 33 41.43	0 57.42	1 42 37.1	3 15.2	9.811 7103	2 1280	22 5.1
	30	12 32 44.01	0 54.74	1 39 21.9	2 57.9	9.813 8383	2 2204	22 0.2
Mai	1	12 31 49.27	0 52.00	1 36 24.0	2 40.3	9.816 0587	2 3088	21 55.4
	2	12 30 57.27	0 49.21	1 33 43.7	2 22.3	9.818 3675	2 3930	21 50.7
	3	12 30 8.06		−1 31 21.4		9.820 7605		21 46.0

Tag	0h Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Obere Kulmination in Greenwich
1935	h m s	s	° ′ ″	′ ″			h m
Mai 3	12 30 8.06	46.35	−1 31 21.4	2 4.3	9.820 7605	2 4728	21 46.0
4	12 29 21.71	43.46	1 29 17.1	1 46.0	9.823 2333	2 5484	21 41.3
5	12 28 38.25	40.52	1 27 31.1	1 27.7	9.825 7817	2 6196	21 36.7
6	12 27 57.73	37.57	1 26 3.4	1 9.3	9.828 4013	2 6866	21 32.2
7	12 27 20.16	34.60	1 24 54.1	0 50.9	9.831 0879	2 7495	21 27.7
8	12 26 45.56	31.60	1 24 3.2	0 32.5	9.833 8374	2 8084	21 23.2
9	12 26 13.96	28.61	−1 23 30.7	0 14.2	9.836 6458	2 8632	21 18.8
10	12 25 45.35	25.61	1 23 16.5	0 4.0	9.839 5090	2 9143	21 14.4
11	12 25 19.74	22.61	1 23 20.5	0 22.2	9.842 4233	2 9618	21 10.1
12	12 24 57.13	19.64	1 23 42.7	0 40.1	9.845 3851	3 0055	21 5.8
13	12 24 37.49	16.66	1 24 22.8	0 57.8	9.848 3906	3 0456	21 1.6
14	12 24 20.83	13.72	1 25 20.6	1 15.5	9.851 4362	3 0828	20 57.5
15	12 24 7.11	10.78	−1 26 36.1	1 32.9	9.854 5190	3 1166	20 53.4
16	12 23 56.33	7.88	1 28 9.0	1 50.1	9.857 6356	3 1475	20 49.3
17	12 23 48.45	5.00	1 29 59.1	2 7.1	9.860 7831	3 1752	20 45.3
18	12 23 43.45	2.14	1 32 6.2	2 23.8	9.863 9583	3 2007	20 41.3
19	12 23 41.31	0.67	1 34 30.0	2 40.3	9.867 1590	3 2233	20 37.4
20	12 23 41.98	3.46	1 37 10.3	2 56.7	9.870 3823	3 2435	20 33.5
21	12 23 45.44	6.22	−1 40 7.0	3 12.6	9.873 6258	3 2613	20 29.7
22	12 23 51.66	8.93	1 43 19.6	3 28.5	9.876 8871	3 2771	20 25.9
23	12 24 0.59	11.63	1 46 48.1	3 44.1	9.880 1642	3 2908	20 22.1
24	12 24 12.22	14.30	1 50 32.2	3 59.5	9.883 4550	3 3024	20 18.4
25	12 24 26.52	16.92	1 54 31.7	4 14.7	9.886 7574	3 3121	20 14.8
26	12 24 43.44	19.52	1 58 46.4	4 29.7	9.890 0695	3 3202	20 11.2
27	12 25 2.96	22.09	−2 3 16.1	4 44.4	9.893 3897	3 3261	20 7.6
28	12 25 25.05	24.63	2 8 0.5	4 58.9	9.896 7158	3 3303	20 4.0
29	12 25 49.68	27.14	2 12 59.4	5 13.2	9.900 0461	3 3326	20 0.5
30	12 26 16.82	29.60	2 18 12.6	5 27.3	9.903 3787	3 3333	19 57.1
31	12 26 46.42	32.04	2 23 39.9	5 41.1	9.906 7120	3 3322	19 53.7
Juni 1	12 27 18.46	34.44	2 29 21.0	5 54.7	9.910 0442	3 3294	19 50.3
2	12 27 52.90	36.80	−2 35 15.7	6 7.9	9.913 3736	3 3251	19 47.0
3	12 28 29.70	39.13	2 41 23.6	6 21.0	9.916 6987	3 3194	19 43.7
4	12 29 8.83	41.41	2 47 44.6	6 33.8	9.920 0181	3 3123	19 40.5
5	12 29 50.24	43.65	2 54 18.4	6 46.2	9.923 3304	3 3038	19 37.2
6	12 30 33.89	45.86	3 1 4.6	6 58.4	9.926 6342	3 2942	19 34.1
7	12 31 19.75	48.02	3 8 3.0	7 10.3	9.929 9284	3 2836	19 30.9
8	12 32 7.77	50.14	−3 15 13.3	7 21.9	9.933 2120	3 2718	19 27.8
9	12 32 57.91	52.21	3 22 35.2	7 33.2	9.936 4838	3 2590	19 24.7
10	12 33 50.12	54.26	3 30 8.4	7 44.3	9.939 7428	3 2453	19 21.7
11	12 34 44.38	56.25	3 37 52.7	7 55.0	9.942 9881	3 2309	19 18.7
12	12 35 40.63	58.22	3 45 47.7	8 5.6	9.946 2190	3 2159	19 15.7
13	12 36 38.85		−3 53 53.3		9.949 4349		19 12.8

Tag		0h Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Obere Kulmination in Greenwich
1935		h m s	m s	° ′ ″	′ ″			h m
Juni	13	12 36 38.85	1 0.13	− 3 53 53.3	8 15.7	9.949 4349	3 2001	19 12.8
	14	12 37 38.98	1 2.01	4 2 9.0	8 25.7	9.952 6350	3 1837	19 9.9
	15	12 38 40.99	1 3.85	4 10 34.7	8 35.3	9.955 8187	3 1670	19 7.0
	16	12 39 44.84	1 5.66	4 19 10.0	8 44.7	9.958 9857	3 1500	19 4.1
	17	12 40 50.50	1 7.44	4 27 54.7	8 54.0	9.962 1357	3 1326	19 1.3
	18	12 41 57.94	1 9.17	4 36 48.7	9 2.8	9.965 2683	3 1150	18 58.5
	19	12 43 7.11	1 10.89	− 4 45 51.5	9 11.6	9.968 3833	3 0970	18 55.8
	20	12 44 18.00	1 12.57	4 55 3.1	9 20.2	9.971 4803	3 0790	18 53.0
	21	12 45 30.57	1 14.23	5 4 23.3	9 28.4	9.974 5593	3 0606	18 50.3
	22	12 46 44.80	1 15.87	5 13 51.7	9 36.6	9.977 6199	3 0420	18 47.7
	23	12 48 0.67	1 17.47	5 23 28.3	9 44.5	9.980 6619	3 0233	18 45.0
	24	12 49 18.14	1 19.06	5 33 12.8	9 52.3	9.983 6852	3 0042	18 42.4
	25	12 50 37.20	1 20.62	− 5 43 5.1	9 59.9	9.986 6894	2 9850	18 39.8
	26	12 51 57.82	1 22.18	5 53 5.0	10 7.2	9.989 6744	2 9656	18 37.2
	27	12 53 20.00	1 23.71	6 3 12.2	10 14.5	9.992 6400	2 9458	18 34.7
	28	12 54 43.71	1 25.21	6 13 26.7	10 21.5	9.995 5858	2 9258	18 32.1
	29	12 56 8.92	1 26.69	6 23 48.2	10 28.2	9.998 5116	2 9055	18 29.6
	30	12 57 35.61	1 28.16	6 34 16.4	10 34.8	0.001 4171	2 8848	18 27.2
Juli	1	12 59 3.77	1 29.60	− 6 44 51.2	10 41.2	0.004 3019	2 8639	18 24.7
	2	13 0 33.37	1 31.02	6 55 32.4	10 47.3	0.007 1658	2 8429	18 22.3
	3	13 2 4.39	1 32.42	7 6 19.7	10 53.3	0.010 0087	2 8217	18 19.9
	4	13 3 36.81	1 33.80	7 17 13.0	10 59.0	0.012 8304	2 8003	18 17.5
	5	13 5 10.61	1 35.15	7 28 12.0	11 4.4	0.015 6307	2 7788	18 15.1
	6	13 6 45.76	1 36.48	7 39 16.4	11 9.8	0.018 4095	2 7574	18 12.8
	7	13 8 22.24	1 37.80	− 7 50 26.2	11 14.8	0.021 1669	2 7357	18 10.5
	8	13 10 0.04	1 39.10	8 1 41.0	11 19.6	0.023 9026	2 7140	18 8.2
	9	13 11 39.14	1 40.37	8 13 0.6	11 24.3	0.026 6166	2 6925	18 5.9
	10	13 13 19.51	1 41.62	8 24 24.9	11 28.7	0.029 3091	2 6709	18 3.7
	11	13 15 1.13	1 42.86	8 35 53.6	11 32.9	0.031 9800	2 6493	18 1.4
	12	13 16 43.99	1 44.08	8 47 26.5	11 36.9	0.034 6293	2 6278	17 59.2
	13	13 18 28.07	1 45.28	− 8 59 3.4	11 40.6	0.037 2571	2 6066	17 57.0
	14	13 20 13.35	1 46.45	9 10 44.0	11 44.2	0.039 8637	2 5856	17 54.9
	15	13 21 59.80	1 47.63	9 22 28.2	11 47.6	0.042 4493	2 5647	17 52.7
	16	13 23 47.43	1 48.78	9 34 15.8	11 50.8	0.045 0140	2 5441	17 50.6
	17	13 25 36.21	1 49.92	9 46 6.6	11 53.8	0.047 5581	2 5238	17 48.5
	18	13 27 26.13	1 51.06	9 58 0.4	11 56.6	0.050 0819	2 5037	17 46.4
	19	13 29 17.19	1 52.18	−10 9 57.0	11 59.3	0.052 5856	2 4838	17 44.3
	20	13 31 9.37	1 53.30	10 21 56.3	12 1.8	0.055 0694	2 4641	17 42.2
	21	13 33 2.67	1 54.41	10 33 58.1	12 4.2	0.057 5335	2 4446	17 40.2
	22	13 34 57.08	1 55.51	10 46 2.3	12 6.3	0.059 9781	2 4252	17 38.2
	23	13 36 52.59	1 56.61	10 58 8.6	12 8.3	0.062 4033	2 4060	17 36.2
	24	13 38 49.20		−11 10 16.9		0.064 8093		17 34.2

Tag		0h Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Obere Kulmination in Greenwich
1935		h m s	m s	° ′ ″	′ ″			h m
Juli	24	13 38 49.20	1 57.71	−11 10 16.9	12 10.2	0.064 8093	2 3869	17 34.2
	25	13 40 46.91	1 58.80	11 22 27.1	12 11.9	0.067 1962	2 3678	17 32.2
	26	13 42 45.71	1 59.88	11 34 39.0	12 13.4	0.069 5640	2 3488	17 30.3
	27	13 44 45.59	2 0.96	11 46 52.4	12 14.6	0.071 9128	2 3298	17 28.4
	28	13 46 46.55	2 2.03	11 59 7.0	12 15.8	0.074 2426	2 3108	17 26.5
	29	13 48 48.58	2 3.10	12 11 22.8	12 16.8	0.076 5534	2 2919	17 24.6
	30	13 50 51.68	2 4.15	−12 23 39.6	12 17.5	0.078 8453	2 2729	17 22.7
	31	13 52 55.83	2 5.20	12 35 57.1	12 18.0	0.081 1182	2 2542	17 20.8
Aug.	1	13 55 1.03	2 6.25	12 48 15.1	12 18.4	0.083 3724	2 2354	17 19.0
	2	13 57 7.28	2 7.29	13 0 33.5	12 18.6	0.085 6078	2 2167	17 17.2
	3	13 59 14.57	2 8.31	13 12 52.1	12 18.5	0.087 8245	2 1982	17 15.4
	4	14 1 22.88	2 9.33	13 25 10.6	12 18.2	0.090 0227	2 1797	17 13.6
	5	14 3 32.21	2 10.35	−13 37 28.8	12 17.7	0.092 2024	2 1614	17 11.8
	6	14 5 42.56	2 11.36	13 49 46.5	12 17.1	0.094 3638	2 1431	17 10.0
	7	14 7 53.92	2 12.35	14 2 3.6	12 16.2	0.096 5069	2 1252	17 8.3
	8	14 10 6.27	2 13.35	14 14 19.8	12 15.1	0.098 6321	2 1072	17 6.6
	9	14 12 19.62	2 14.33	14 26 34.9	12 13.8	0.100 7393	2 0896	17 4.9
	10	14 14 33.95	2 15.30	14 38 48.7	12 12.4	0.102 8289	2 0721	17 3.2
	11	14 16 49.25	2 16.27	−14 51 1.1	12 10.6	0.104 9010	2 0550	17 1.5
	12	14 19 5.52	2 17.23	15 3 11.7	12 8.7	0.106 9560	2 0380	16 59.8
	13	14 21 22.75	2 18.19	15 15 20.4	12 6.6	0.108 9940	2 0214	16 58.2
	14	14 23 40.94	2 19.15	15 27 27.0	12 4.4	0.111 0154	2 0051	16 56.6
	15	14 26 0.09	2 20.10	15 39 31.4	12 1.9	0.113 0205	1 9890	16 55.0
	16	14 28 20.19	2 21.05	15 51 33.3	11 59.2	0.115 0095	1 9733	16 53.4
	17	14 30 41.24	2 22.00	−16 3 32.5	11 56.5	0.116 9828	1 9579	16 51.8
	18	14 33 3.24	2 22.95	16 15 29.0	11 53.4	0.118 9407	1 9427	16 50.2
	19	14 35 26.19	2 23.90	16 27 22.4	11 50.2	0.120 8834	1 9276	16 48.7
	20	14 37 50.09	2 24.85	16 39 12.6	11 46.9	0.122 8110	1 9129	16 47.2
	21	14 40 14.94	2 25.80	16 50 59.5	11 43.3	0.124 7239	1 8982	16 45.7
	22	14 42 40.74	2 26.76	17 2 42.8	11 39.6	0.126 6221	1 8836	16 44.2
	23	14 45 7.50	2 27.72	−17 14 22.4	11 35.7	0.128 5057	1 8690	16 42.7
	24	14 47 35.22	2 28.67	17 25 58.1	11 31.5	0.130 3747	1 8547	16 41.2
	25	14 50 3.89	2 29.62	17 37 29.6	11 27.1	0.132 2294	1 8404	16 39.7
	26	14 52 33.51	2 30.57	17 48 56.7	11 22.7	0.134 0698	1 8261	16 38.3
	27	14 55 4.08	2 31.52	18 0 19.4	11 17.9	0.135 8959	1 8119	16 36.9
	28	14 57 35.60	2 32.47	18 11 37.3	11 12.9	0.137 7078	1 7979	16 35.5
	29	15 0 8.07	2 33.40	−18 22 50.2	11 7.7	0.139 5057	1 7839	16 34.1
	30	15 2 41.47	2 34.34	18 33 57.9	11 2.4	0.141 2896	1 7700	16 32.7
	31	15 5 15.81	2 35.27	18 45 0.3	10 56.7	0.143 0596	1 7561	16 31.4
Sept.	1	15 7 51.08	2 36.20	18 55 57.0	10 51.0	0.144 8157	1 7425	16 30.0
	2	15 10 27.28	2 37.13	19 6 48.0	10 44.9	0.146 5582	1 7290	16 28.7
	3	15 13 4.41		−19 17 32.9		0.148 2872		16 27.4

Tag	Scheinbare Rektaszension (0h Welt-Zeit)		Scheinbare Deklination (0h Welt-Zeit)		log Δ (0h Welt-Zeit)		Obere Kulmination in Greenwich
1935	h m s	m s	° ′ ″	′ ″			h m
Sept. 3	15 13 4.41	2 38.04	−19 17 32.9	10 38.6	0.148 2872	1 7155	16 27.4
4	15 15 42.45	2 38.95	19 28 11.5	10 32.2	0.150 0027	1 7023	16 26.1
5	15 18 21.40	2 39.85	19 38 43.7	10 25.5	0.151 7050	1 6891	16 24.8
6	15 21 1.25	2 40.76	19 49 9.2	10 18.6	0.153 3941	1 6760	16 23.5
7	15 23 42.01	2 41.64	19 59 27.8	10 11.5	0.155 0701	1 6633	16 22.3
8	15 26 23.65	2 42.53	20 9 39.3	10 4.2	0.156 7334	1 6507	16 21.0
9	15 29 6.18	2 43.40	−20 19 43.5	9 56.7	0.158 3841	1 6383	16 19.8
10	15 31 49.58	2 44.27	20 29 40.2	9 48.9	0.160 0224	1 6264	16 18.6
11	15 34 33.85	2 45.14	20 39 29.1	9 40.9	0.161 6488	1 6145	16 17.4
12	15 37 18.99	2 46.00	20 49 10.0	9 32.9	0.163 2633	1 6030	16 16.2
13	15 40 4.99	2 46.85	20 58 42.9	9 24.5	0.164 8663	1 5918	16 15.1
14	15 42 51.84	2 47.71	21 8 7.4	9 15.9	0.166 4581	1 5807	16 13.9
15	15 45 39.55	2 48.56	−21 17 23.3	9 7.2	0.168 0388	1 5700	16 12.8
16	15 48 28.11	2 49.41	21 26 30.5	8 58.3	0.169 6088	1 5594	16 11.7
17	15 51 17.52	2 50.26	21 35 28.8	8 49.1	0.171 1682	1 5490	16 10.6
18	15 54 7.78	2 51.09	21 44 17.9	8 39.8	0.172 7172	1 5387	16 9.5
19	15 56 58.87	2 51.94	21 52 57.7	8 30.3	0.174 2559	1 5286	16 8.4
20	15 59 50.81	2 52.78	22 1 28.0	8 20.6	0.175 7845	1 5185	16 7.3
21	16 2 43.59	2 53.61	−22 9 48.6	8 10.6	0.177 3030	1 5085	16 6.2
22	16 5 37.20	2 54.43	22 17 59.2	8 0.5	0.178 8115	1 4987	16 5.2
23	16 8 31.63	2 55.26	22 25 59.7	7 50.2	0.180 3102	1 4888	16 4.2
24	16 11 26.89	2 56.06	22 33 49.9	7 39.6	0.181 7990	1 4791	16 3.2
25	16 14 22.95	2 56.87	22 41 29.5	7 28.9	0.183 2781	1 4693	16 2.2
26	16 17 19.82	2 57.67	22 48 58.4	7 18.0	0.184 7474	1 4598	16 1.2
27	16 20 17.49	2 58.45	−22 56 16.4	7 6.9	0.186 2072	1 4501	16 0.2
28	16 23 15.94	2 59.23	23 3 23.3	6 55.5	0.187 6573	1 4407	15 59.3
29	16 26 15.17	2 59.99	23 10 18.8	6 44.0	0.189 0980	1 4312	15 58.3
30	16 29 15.16	3 0.75	23 17 2.8	6 32.3	0.190 5292	1 4219	15 57.4
Okt. 1	16 32 15.91	3 1.48	23 23 35.1	6 20.4	0.191 9511	1 4126	15 56.5
2	16 35 17.39	3 2.21	23 29 55.5	6 8.3	0.193 3637	1 4035	15 55.6
3	16 38 19.60	3 2.92	−23 36 3.8	5 56.0	0.194 7672	1 3944	15 54.7
4	16 41 22.52	3 3.62	23 41 59.8	5 43.6	0.196 1616	1 3855	15 53.8
5	16 44 26.14	3 4.30	23 47 43.4	5 30.9	0.197 5471	1 3768	15 52.9
6	16 47 30.44	3 4.97	23 53 14.3	5 18.1	0.198 9239	1 3682	15 52.0
7	16 50 35.41	3 5.63	23 58 32.4	5 5.1	0.200 2921	1 3597	15 51.2
8	16 53 41.04	3 6.26	24 3 37.5	4 51.9	0.201 6518	1 3515	15 50.4
9	16 56 47.30	3 6.89	−24 8 29.4	4 38.7	0.203 0033	1 3436	15 49.5
10	16 59 54.19	3 7.50	24 13 8.1	4 25.2	0.204 3469	1 3357	15 48.7
11	17 3 1.69	3 8.09	24 17 33.3	4 11.6	0.205 6826	1 3283	15 47.9
12	17 6 9.78	3 8.68	24 21 44.9	3 57.9	0.207 0109	1 3209	15 47.1
13	17 9 18.46	3 9.25	24 25 42.8	3 44.0	0.208 3318	1 3137	15 46.3
14	17 12 27.71		−24 29 26.8		0.209 6455		15 45.5

Tag	0h Welt-Zeit Scheinbare Rektaszension	Diff.	Scheinbare Deklination	Diff.	log Δ	Diff.	Obere Kulmination in Greenwich
1935	h m s	m s	° ′ ″	′ ″			h m
Okt. 14	17 12 27.71	3 9.81	−24 29 26.8	3 29.9	0.209 6455	1 3069	15 45.5
15	17 15 37.52	3 10.35	24 32 56.7	3 15.7	0.210 9524	1 3000	15 44.7
16	17 18 47.87	3 10.89	24 36 12.4	3 1.4	0.212 2524	1 2934	15 44.0
17	17 21 58.76	3 11.42	24 39 13.8	2 46.9	0.213 5458	1 2868	15 43.2
18	17 25 10.18	3 11.93	24 42 0.7	2 32.4	0.214 8326	1 2804	15 42.5
19	17 28 22.11	3 12.43	24 44 33.1	2 17.6	0.216 1130	1 2739	15 41.7
20	17 31 34.54	3 12.90	−24 46 50.7	2 2.8	0.217 3869	1 2676	15 41.0
21	17 34 47.44	3 13.37	24 48 53.5	1 47.8	0.218 6545	1 2612	15 40.3
22	17 38 0.81	3 13.82	24 50 41.3	1 32.8	0.219 9157	1 2549	15 39.6
23	17 41 14.63	3 14.25	24 52 14.1	1 17.5	0.221 1706	1 2487	15 38.9
24	17 44 28.88	3 14.67	24 53 31.6	1 2.3	0.222 4193	1 2426	15 38.2
25	17 47 43.55	3 15.06	24 54 33.9	0 46.9	0.223 6619	1 2365	15 37.5
26	17 50 58.61	3 15.45	−24 55 20.8	0 31.4	0.224 8984	1 2303	15 36.8
27	17 54 14.06	3 15.81	24 55 52.2	0 15.8	0.226 1287	1 2242	15 36.1
28	17 57 29.87	3 16.15	24 56 8.0	0 0.1	0.227 3529	1 2182	15 35.4
29	18 0 46.02	3 16.47	24 56 8.1	0 15.5	0.228 5711	1 2122	15 34.7
30	18 4 2.49	3 16.77	24 55 52.6	0 31.4	0.229 7833	1 2062	15 34.1
31	18 7 19.26	3 17.06	24 55 21.2	0 47.1	0.230 9895	1 2003	15 33.4
Nov. 1	18 10 36.32	3 17.31	−24 54 34.1	1 3.1	0.232 1898	1 1945	15 32.8
2	18 13 53.63	3 17.54	24 53 31.0	1 19.1	0.233 3843	1 1887	15 32.1
3	18 17 11.17	3 17.76	24 52 11.9	1 35.0	0.234 5730	1 1832	15 31.5
4	18 20 28.93	3 17.96	24 50 36.9	1 51.0	0.235 7562	1 1777	15 30.8
5	18 23 46.89	3 18.12	24 48 45.9	2 7.0	0.236 9339	1 1723	15 30.2
6	18 27 5.01	3 18.28	24 46 38.9	2 23.2	0.238 1062	1 1673	15 29.6
7	18 30 23.29	3 18.41	−24 44 15.7	2 39.2	0.239 2735	1 1622	15 28.9
8	18 33 41.70	3 18.53	24 41 36.5	2 55.3	0.240 4357	1 1574	15 28.3
9	18 37 0.23	3 18.62	24 38 41.2	3 11.4	0.241 5931	1 1528	15 27.6
10	18 40 18.85	3 18.70	24 35 29.8	3 27.5	0.242 7459	1 1483	15 27.0
11	18 43 37.55	3 18.76	24 32 2.3	3 43.6	0.243 8942	1 1440	15 26.4
12	18 46 56.31	3 18.80	24 28 18.7	3 59.8	0.245 0382	1 1397	15 25.8
13	18 50 15.11	3 18.84	−24 24 18.9	4 15.8	0.246 1779	1 1356	15 25.1
14	18 53 33.95	3 18.86	24 20 3.1	4 31.9	0.247 3135	1 1316	15 24.5
15	18 56 52.81	3 18.85	24 15 31.2	4 48.0	0.248 4451	1 1277	15 23.9
16	19 0 11.66	3 18.84	24 10 43.2	5 4.1	0.249 5728	1 1238	15 23.3
17	19 3 30.50	3 18.81	24 5 39.1	5 20.0	0.250 6966	1 1199	15 22.6
18	19 6 49.31	3 18.76	24 0 19.1	5 36.1	0.251 8165	1 1161	15 22.0
19	19 10 8.07	3 18.70	−23 54 43.0	5 51.9	0.252 9326	1 1122	15 21.4
20	19 13 26.77	3 18.62	23 48 51.1	6 7.8	0.254 0448	1 1085	15 20.7
21	19 16 45.39	3 18.53	23 42 43.3	6 23.7	0.255 1533	1 1047	15 20.1
22	19 20 3.92	3 18.42	23 36 19.6	6 39.4	0.256 2580	1 1008	15 19.4
23	19 23 22.34	3 18.30	23 29 40.2	6 55.0	0.257 3588	1 0970	15 18.8
24	19 26 40.64		−23 22 45.2		0.258 4558		15 18.2

Tag		Scheinbare Rektaszension (0h Welt-Zeit)	Diff.	Scheinbare Deklination (0h Welt-Zeit)	Diff.	log Δ (0h Welt-Zeit)	Diff.	Obere Kulmination in Greenwich
1935		h m s	m s	° ′ ″	′ ″			h m
Nov.	24	19 26 40.64	3 18.16	−23 22 45.2	7 10.7	0.258 4558	1 0932	15 18.2
	25	19 29 58.80	3 18.00	23 15 34.5	7 26.2	0.259 5490	1 0893	15 17.5
	26	19 33 16.80	3 17.83	23 8 8.3	7 41.7	0.260 6383	1 0855	15 16.9
	27	19 36 34.63	3 17.63	23 0 26.6	7 57.0	0.261 7238	1 0817	15 16.2
	28	19 39 52.26	3 17.43	22 52 29.6	8 12.2	0.262 8055	1 0780	15 15.6
	29	19 43 9.69	3 17.20	22 44 17.4	8 27.3	0.263 8835	1 0741	15 14.9
	30	19 46 26.89	3 16.97	−22 35 50.1	8 42.4	0.264 9576	1 0704	15 14.3
Dez.	1	19 49 43.86	3 16.72	22 27 7.7	8 57.2	0.266 0280	1 0667	15 13.6
	2	19 53 0.58	3 16.44	22 18 10.5	9 11.9	0.267 0947	1 0632	15 13.0
	3	19 56 17.02	3 16.16	22 8 58.6	9 26.6	0.268 1579	1 0596	15 12.3
	4	19 59 33.18	3 15.87	21 59 32.0	9 41.0	0.269 2175	1 0561	15 11.6
	5	20 2 49.05	3 15.56	21 49 51.0	9 55.3	0.270 2736	1 0529	15 10.9
	6	20 6 4.61	3 15.24	−21 39 55.7	10 9.5	0.271 3265	1 0497	15 10.2
	7	20 9 19.85	3 14.90	21 29 46.2	10 23.6	0.272 3762	1 0467	15 9.5
	8	20 12 34.75	3 14.57	21 19 22.6	10 37.5	0.273 4229	1 0437	15 8.8
	9	20 15 49.32	3 14.22	21 8 45.1	10 51.3	0.274 4666	1 0409	15 8.1
	10	20 19 3.54	3 13.86	20 57 53.8	11 4.9	0.275 5075	1 0381	15 7.4
	11	20 22 17.40	3 13.49	20 46 48.9	11 18.4	0.276 5456	1 0355	15 6.7
	12	20 25 30.89	3 13.13	−20 35 30.5	11 31.7	0.277 5811	1 0329	15 6.0
	13	20 28 44.02	3 12.75	20 23 58.8	11 44.9	0.278 6140	1 0303	15 5.3
	14	20 31 56.77	3 12.37	20 12 13.9	11 58.0	0.279 6443	1 0279	15 4.6
	15	20 35 9.14	3 11.98	20 0 15.9	12 10.8	0.280 6722	1 0254	15 3.8
	16	20 38 21.12	3 11.60	19 48 5.1	12 23.5	0.281 6976	1 0230	15 3.1
	17	20 41 32.72	3 11.20	19 35 41.6	12 36.1	0.282 7206	1 0204	15 2.3
	18	20 44 43.92	3 10.80	−19 23 5.5	12 48.4	0.283 7410	1 0180	15 1.5
	19	20 47 54.72	3 10.40	19 10 17.1	13 0.6	0.284 7590	1 0154	15 0.8
	20	20 51 5.12	3 9.99	18 57 16.5	13 12.6	0.285 7744	1 0127	15 0.0
	21	20 54 15.11	3 9.58	18 44 3.9	13 24.5	0.286 7871	1 0102	14 59.2
	22	20 57 24.69	3 9.16	18 30 39.4	13 36.1	0.287 7973	1 0075	14 58.4
	23	21 0 33.85	3 8.75	18 17 3.3	13 47.6	0.288 8048	1 0048	14 57.6
	24	21 3 42.60	3 8.33	−18 3 15.7	13 58.8	0.289 8096	1 0021	14 56.8
	25	21 6 50.93	3 7.90	17 49 16.9	14 9.9	0.290 8117	9994	14 56.0
	26	21 9 58.83	3 7.47	17 35 7.0	14 20.8	0.291 8111	9965	14 55.2
	27	21 13 6.30	3 7.03	17 20 46.2	14 31.4	0.292 8076	9937	14 54.4
	28	21 16 13.33	3 6.60	17 6 14.8	14 41.9	0.293 8013	9907	14 53.6
	29	21 19 19.93	3 6.15	16 51 32.9	14 52.1	0.294 7920	9880	14 52.7
	30	21 22 26.08	3 5.71	−16 36 40.8	15 2.1	0.295 7800	9851	14 51.9
	31	21 25 31.79	3 5.27	16 21 38.7	15 11.8	0.296 7651	9823	14 51.0
	32	21 28 37.06		−16 6 26.9		0.297 7474		14 50.2

Jupiter 1935

Tag	0h Welt-Zeit: Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Obere Kulmination in Greenwich
1935	h m s	s	° ′ ″	′ ″			h m
Jan. 0	14 58 3.96	41.06	—15 49 42.6	2 49.5	0.776 8509	9427	8 22.0
1	14 58 45.02	40.70	15 52 32.1	2 47.3	0.775 9082	9553	8 18.7
2	14 59 25.72	40.34	15 55 19.4	2 45.1	0.774 9529	9676	8 15.5
3	15 0 6.06	39.97	15 58 4.5	2 42.8	0.773 9853	9800	8 12.2
4	15 0 46.03	39.58	16 0 47.3	2 40.5	0.773 0053	9922	8 9.0
5	15 1 25.61	39.19	16 3 27.8	2 38.2	0.772 0131	1 0041	8 5.7
6	15 2 4.80	38.80	—16 6 6.0	2 35.8	0.771 0090	1 0161	8 2.4
7	15 2 43.60	38.39	16 8 41.8	2 33.6	0.769 9929	1 0279	7 59.1
8	15 3 21.99	37.98	16 11 15.4	2 31.2	0.768 9650	1 0394	7 55.8
9	15 3 59.97	37.56	16 13 46.6	2 28.9	0.767 9256	1 0508	7 52.5
10	15 4 37.53	37.13	16 16 15.5	2 26.5	0.766 8748	1 0621	7 49.2
11	15 5 14.66	36.69	16 18 42.0	2 24.1	0.765 8127	1 0733	7 45.9
12	15 5 51.35	36.25	—16 21 6.1	2 21.6	0.764 7394	1 0841	7 42.6
13	15 6 27.60	35.80	16 23 27.7	2 19.3	0.763 6553	1 0949	7 39.2
14	15 7 3.40	35.35	16 25 47.0	2 16.9	0.762 5604	1 1056	7 35.9
15	15 7 38.75	34.89	16 28 3.9	2 14.5	0.761 4548	1 1160	7 32.5
16	15 8 13.64	34.41	16 30 18.4	2 12.0	0.760 3388	1 1263	7 29.2
17	15 8 48.05	33.94	16 32 30.4	2 9.6	0.759 2125	1 1364	7 25.8
18	15 9 21.99	33.46	—16 34 40.0	2 7.2	0.758 0761	1 1464	7 22.4
19	15 9 55.45	32.96	16 36 47.2	2 4.6	0.756 9297	1 1563	7 19.0
20	15 10 28.41	32.47	16 38 51.8	2 2.2	0.755 7734	1 1659	7 15.7
21	15 11 0.88	31.96	16 40 54.0	1 59.7	0.754 6075	1 1755	7 12.3
22	15 11 32.84	31.45	16 42 53.7	1 57.2	0.753 4320	1 1848	7 8.9
23	15 12 4.29	30.93	16 44 50.9	1 54.7	0.752 2472	1 1940	7 5.5
24	15 12 35.22	30.40	—16 46 45.6	1 52.2	0.751 0532	1 2029	7 2.0
25	15 13 5.62	29.87	16 48 37.8	1 49.7	0.749 8503	1 2116	6 58.6
26	15 13 35.49	29.32	16 50 27.5	1 47.1	0.748 6387	1 2202	6 55.2
27	15 14 4.81	28.76	16 52 14.6	1 44.6	0.747 4185	1 2286	6 51.7
28	15 14 33.57	28.21	16 53 59.2	1 41.9	0.746 1899	1 2368	6 48.3
29	15 15 1.78	27.64	16 55 41.1	1 39.4	0.744 9531	1 2448	6 44.8
30	15 15 29.42	27.06	—16 57 20.5	1 36.7	0.743 7083	1 2525	6 41.3
31	15 15 56.48	26.47	16 58 57.2	1 34.2	0.742 4558	1 2601	6 37.8
Febr. 1	15 16 22.95	25.88	17 0 31.4	1 31.5	0.741 1957	1 2674	6 34.3
2	15 16 48.83	25.28	17 2 2.9	1 28.8	0.739 9283	1 2743	6 30.8
3	15 17 14.11	24.66	17 3 31.7	1 26.2	0.738 6540	1 2809	6 27.3
4	15 17 38.77	24.05	17 4 57.9	1 23.5	0.737 3731	1 2871	6 23.8
5	15 18 2.82	23.42	—17 6 21.4	1 20.9	0.736 0860	1 2932	6 20.3
6	15 18 26.24	22.79	17 7 42.3	1 18.2	0.734 7928	1 2988	6 16.7
7	15 18 49.03	22.15	17 9 0.5	1 15.5	0.733 4940	1 3042	6 13.1
8	15 19 11.18	21.50	17 10 16.0	1 12.8	0.732 1898	1 3094	6 9.6
9	15 19 32.68	20.86	17 11 28.8	1 10.1	0.730 8804	1 3143	6 6.0
10	15 19 53.54		—17 12 38.9		0.729 5661		6 2.4

Tag	0ʰ Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Obere Kulmination in Greenwich
1935	h m s	s	° ′ ″	″			h m
Febr. 10	15 19 53.54	20.20	−17 12 38.9	67.5	0.729 5661	1 3187	6 2.4
11	15 20 13.74	19.55	17 13 46.4	64.7	0.728 2474	1 3229	5 58.8
12	15 20 33.29	18.88	17 14 51.1	62.1	0.726 9245	1 3268	5 55.2
13	15 20 52.17	18.20	17 15 53.2	59.4	0.725 5977	1 3303	5 51.6
14	15 21 10.37	17.53	17 16 52.6	56.7	0.724 2674	1 3336	5 47.9
15	15 21 27.90	16.85	17 17 49.3	54.0	0.722 9338	1 3364	5 44.3
16	15 21 44.75	16.15	−17 18 43.3	51.3	0.721 5974	1 3392	5 40.6
17	15 22 0.90	15.47	17 19 34.6	48.5	0.720 2582	1 3414	5 37.0
18	15 22 16.37	14.76	17 20 23.1	45.8	0.718 9168	1 3434	5 33.3
19	15 22 31.13	14.07	17 21 8.9	43.1	0.717 5734	1 3450	5 29.6
20	15 22 45.20	13.35	17 21 52.0	40.3	0.716 2284	1 3463	5 25.9
21	15 22 58.55	12.64	17 22 32.3	37.6	0.714 8821	1 3472	5 22.2
22	15 23 11.19	11.92	−17 23 9.9	34.8	0.713 5349	1 3477	5 18.5
23	15 23 23.11	11.19	17 23 44.7	32.0	0.712 1872	1 3480	5 14.7
24	15 23 34.30	10.46	17 24 16.7	29.3	0.710 8392	1 3477	5 11.0
25	15 23 44.76	9.72	17 24 46.0	26.5	0.709 4915	1 3472	5 7.2
26	15 23 54.48	8.99	17 25 12.5	23.7	0.708 1443	1 3462	5 3.5
27	15 24 3.47	8.23	17 25 36.2	21.0	0.706 7981	1 3448	4 59.7
28	15 24 11.70	7.49	−17 25 57.2	18.1	0.705 4533	1 3430	4 55.9
März 1	15 24 19.19	6.74	17 26 15.3	15.4	0.704 1103	1 3407	4 52.1
2	15 24 25.93	5.98	17 26 30.7	12.6	0.702 7696	1 3380	4 48.2
3	15 24 31.91	5.22	17 26 43.3	9.7	0.701 4316	1 3348	4 44.4
4	15 24 37.13	4.45	17 26 53.0	7.0	0.700 0968	1 3311	4 40.5
5	15 24 41.58	3.70	17 27 0.0	4.2	0.698 7657	1 3269	4 36.7
6	15 24 45.28	2.92	−17 27 4.2	1.4	0.697 4388	1 3222	4 32.8
7	15 24 48.20	2.16	17 27 5.6	1.4	0.696 1166	1 3170	4 28.9
8	15 24 50.36	1.39	17 27 4.2	4.1	0.694 7996	1 3113	4 25.0
9	15 24 51.75	0.62	17 27 0.1	6.9	0.693 4883	1 3051	4 21.1
10	15 24 52.37	0.14	17 26 53.2	9.7	0.692 1832	1 2985	4 17.2
11	15 24 52.23	0.91	17 26 43.5	12.4	0.690 8847	1 2913	4 13.3
12	15 24 51.32	1.67	−17 26 31.1	15.1	0.689 5934	1 2838	4 9.3
13	15 24 49.65	2.43	17 26 16.0	17.9	0.688 3096	1 2757	4 5.4
14	15 24 47.22	3.20	17 25 58.1	20.6	0.687 0339	1 2672	4 1.4
15	15 24 44.02	3.95	17 25 37.5	23.3	0.685 7667	1 2582	3 57.4
16	15 24 40.07	4.71	17 25 14.2	26.1	0.684 5085	1 2487	3 53.4
17	15 24 35.36	5.46	17 24 48.1	28.7	0.683 2598	1 2388	3 49.4
18	15 24 29.90	6.22	−17 24 19.4	31.4	0.682 0210	1 2283	3 45.4
19	15 24 23.68	6.97	17 23 48.0	34.1	0.680 7927	1 2173	3 41.3
20	15 24 16.71	7.71	17 23 13.9	36.7	0.679 5754	1 2059	3 37.3
21	15 24 9.00	8.45	17 22 37.2	39.4	0.678 3695	1 1940	3 33.2
22	15 24 0.55	9.19	17 21 57.8	42.1	0.677 1755	1 1816	3 29.1
23	15 23 51.36		−17 21 15.7		0.675 9939		3 25.0

Tag	0h Welt-Zeit: Scheinbare Rektaszension		0h Welt-Zeit: Scheinbare Deklination		0h Welt-Zeit: log Δ		Obere Kulmination in Greenwich
1935	h m s	s	° ′ ″	′ ″			h m
März 23	15 23 51.36	9.92	−17 21 15.7	0 44.7	0.675 9939	1 1687	3 25.0
24	15 23 41.44	10.66	17 20 31.0	0 47.3	0.674 8252	1 1552	3 20.9
25	15 23 30.78	11.38	17 19 43.7	0 49.9	0.673 6700	1 1413	3 16.8
26	15 23 19.40	12.09	17 18 53.8	0 52.5	0.672 5287	1 1268	3 12.7
27	15 23 7.31	12.82	17 18 1.3	0 55.0	0.671 4019	1 1117	3 8.6
28	15 22 54.49	13.52	17 17 6.3	0 57.6	0.670 2902	1 0962	3 4.4
29	15 22 40.97	14.23	−17 16 8.7	1 0.1	0.669 1940	1 0801	3 0.3
30	15 22 26.74	14.92	17 15 8.6	1 2.7	0.668 1139	1 0635	2 56.1
31	15 22 11.82	15.60	17 14 5.9	1 5.0	0.667 0504	1 0462	2 51.9
April 1	15 21 56.22	16.28	17 13 0.9	1 7.5	0.666 0042	1 0285	2 47.7
2	15 21 39.94	16.95	17 11 53.4	1 10.0	0.664 9757	1 0101	2 43.5
3	15 21 22.99	17.61	17 10 43.4	1 12.3	0.663 9656	9914	2 39.3
4	15 21 5.38	18.25	−17 9 31.1	1 14.6	0.662 9742	9719	2 35.1
5	15 20 47.13	18.88	17 8 16.5	1 17.0	0.662 0023	9521	2 30.9
6	15 20 28.25	19.50	17 6 59.5	1 19.2	0.661 0502	9317	2 26.6
7	15 20 8.75	20.11	17 5 40.3	1 21.4	0.660 1185	9109	2 22.4
8	15 19 48.64	20.70	17 4 18.9	1 23.5	0.659 2076	8895	2 18.1
9	15 19 27.94	21.28	17 2 55.4	1 25.7	0.658 3181	8677	2 13.8
10	15 19 6.66	21.84	−17 1 29.7	1 27.7	0.657 4504	8454	2 9.5
11	15 18 44.82	22.39	17 0 2.0	1 29.8	0.656 6050	8228	2 5.2
12	15 18 22.43	22.93	16 58 32.2	1 31.7	0.655 7822	7998	2 0.9
13	15 17 59.50	23.45	16 57 0.5	1 33.7	0.654 9824	7763	1 56.6
14	15 17 36.05	23.95	16 55 26.8	1 35.6	0.654 2061	7525	1 52.3
15	15 17 12.10	24.44	16 53 51.2	1 37.4	0.653 4536	7282	1 48.0
16	15 16 47.66	24.91	−16 52 13.8	1 39.2	0.652 7254	7036	1 43.6
17	15 16 22.75	25.37	16 50 34.6	1 40.9	0.652 0218	6786	1 39.3
18	15 15 57.38	25.82	16 48 53.7	1 42.6	0.651 3432	6533	1 35.0
19	15 15 31.56	26.24	16 47 11.1	1 44.2	0.650 6899	6275	1 30.6
20	15 15 5.32	26.64	16 45 26.9	1 45.8	0.650 0624	6014	1 26.2
21	15 14 38.68	27.03	16 43 41.1	1 47.3	0.649 4610	5751	1 21.8
22	15 14 11.65	27.41	−16 41 53.8	1 48.7	0.648 8859	5484	1 17.5
23	15 13 44.24	27.76	16 40 5.1	1 50.1	0.648 3375	5215	1 13.1
24	15 13 16.48	28.09	16 38 15.0	1 51.4	0.647 8160	4941	1 8.7
25	15 12 48.39	28.42	16 36 23.6	1 52.7	0.647 3219	4665	1 4.3
26	15 12 19.97	28.72	16 34 30.9	1 53.8	0.646 8554	4387	0 59.9
27	15 11 51.25	29.00	16 32 37.1	1 54.9	0.646 4167	4104	0 55.5
28	15 11 22.25	29.27	−16 30 42.2	1 56.0	0.646 0063	3820	0 51.1
29	15 10 52.98	29.50	16 28 46.2	1 56.9	0.645 6243	3531	0 46.6
30	15 10 23.48	29.72	16 26 49.3	1 57.7	0.645 2712	3241	0 42.2
Mai 1	15 9 53.76	29.92	16 24 51.6	1 58.6	0.644 9471	2949	0 37.8
2	15 9 23.84	30.09	16 22 53.0	1 59.2	0.644 6522	2655	0 33.4
3	15 8 53.75		−16 20 53.8		0.644 3867		0 28.9

Tag	0ʰ Welt-Zeit						Obere Kulmination in Greenwich
	Scheinbare Rektaszension		Scheinbare Deklination		log Δ		
1935	h m s	s	° ′ ″	′ ″			h m
Mai 3	15 8 53.75	30.25	−16 20 53.8	1 59.9	0.644 3867	2360	0 28.9
4	15 8 23.50	30.37	16 18 53.9	2 0.3	0.644 1507	2065	0 24.5
5	15 7 53.13	30.49	16 16 53.6	2 0.8	0.643 9442	1767	0 20.1
6	15 7 22.64	30.56	16 14 52.8	2 1.1	0.643 7675	1470	0 15.6
7	15 6 52.08	30.63	16 12 51.7	2 1.4	0.643 6205	1171	0 11.2
8	15 6 21.45	30.66	16 10 50.3	2 1.6	0.643 5034	872	0 6.8
9	15 5 50.79	30.69	−16 8 48.7	2 1.6	0.643 4162	574	{0 2.3 / 23 57.9}
10	15 5 20.10	30.69	16 6 47.1	2 1.7	0.643 3588	277	23 53.5
11	15 4 49.41	30.66	16 4 45.4	2 1.6	0.643 3311	−22	23 49.0
12	15 4 18.75	30.62	16 2 43.8	2 1.4	0.643 3333	318	23 44.6
13	15 3 48.13	30.55	16 0 42.4	2 1.1	0.643 3651	614	23 40.1
14	15 3 17.58	30.46	15 58 41.3	2 0.8	0.643 4265	909	23 35.7
15	15 2 47.12	30.36	−15 56 40.5	2 0.3	0.643 5174	1203	23 31.3
16	15 2 16.76	30.23	15 54 40.2	1 59.8	0.643 6377	1496	23 26.8
17	15 1 46.53	30.09	15 52 40.4	1 59.3	0.643 7873	1788	23 22.4
18	15 1 16.44	29.91	15 50 41.1	1 58.5	0.643 9661	2077	23 18.0
19	15 0 46.53	29.73	15 48 42.6	1 57.8	0.644 1738	2366	23 13.5
20	15 0 16.80	29.52	15 46 44.8	1 56.9	0.644 4104	2653	23 9.1
21	14 59 47.28	29.30	−15 44 47.9	1 56.0	0.644 6757	2937	23 4.7
22	14 59 17.98	29.06	15 42 51.9	1 55.0	0.644 9694	3221	23 0.3
23	14 58 48.92	28.80	15 40 56.9	1 53.8	0.645 2915	3501	22 55.9
24	14 58 20.12	28.53	15 39 3.1	1 52.6	0.645 6416	3780	22 51.5
25	14 57 51.59	28.23	15 37 10.5	1 51.3	0.646 0196	4057	22 47.1
26	14 57 23.36	27.91	15 35 19.2	1 50.0	0.646 4253	4331	22 42.7
27	14 56 55.45	27.57	−15 33 29.2	1 48.5	0.646 8584	4604	22 38.3
28	14 56 27.88	27.22	15 31 40.7	1 47.0	0.647 3188	4872	22 33.9
29	14 56 0.66	26.85	15 29 53.7	1 45.3	0.647 8060	5139	22 29.5
30	14 55 33.81	26.45	15 28 8.4	1 43.6	0.648 3199	5402	22 25.2
31	14 55 7.36	26.05	15 26 24.8	1 41.9	0.648 8601	5661	22 20.8
Juni 1	14 54 41.31	25.63	15 24 42.9	1 40.0	0.649 4262	5916	22 16.4
2	14 54 15.68	25.18	−15 23 2.9	1 38.0	0.650 0178	6168	22 12.1
3	14 53 50.50	24.72	15 21 24.9	1 36.0	0.650 6346	6415	22 7.7
4	14 53 25.78	24.25	15 19 48.9	1 33.9	0.651 2761	6658	22 3.4
5	14 53 1.53	23.76	15 18 15.0	1 31.7	0.651 9419	6897	21 59.1
6	14 52 37.77	23.26	15 16 43.3	1 29.4	0.652 6316	7131	21 54.8
7	14 52 14.51	22.75	15 15 13.9	1 27.2	0.653 3447	7361	21 50.5
8	14 51 51.76	22.21	−15 13 46.7	1 24.8	0.654 0808	7586	21 46.2
9	14 51 29.55	21.67	15 12 21.9	1 22.4	0.654 8394	7806	21 41.9
10	14 51 7.88	21.13	15 10 59.5	1 19.9	0.655 6200	8022	21 37.6
11	14 50 46.75	20.56	15 9 39.6	1 17.5	0.656 4222	8232	21 33.3
12	14 50 26.19	19.98	15 8 22.1	1 14.8	0.657 2454	8439	21 29.0
13	14 50 6.21		−15 7 7.3		0.658 0893		21 24.8

Tag	0ʰ Welt-Zeit						Obere Kulmination in Greenwich
	Scheinbare Rektaszension		Scheinbare Deklination		log Δ		
1935	h m s	s	° ′ ″	″			h m
Juni 13	14 50 6.21	19.40	−15 7 7.3	72.2	0.658 0893	8639	21 24.8
14	14 49 46.81	18.80	15 5 55.1	69.5	0.658 9532	8836	21 20.5
15	14 49 28.01	18.21	15 4 45.6	66.8	0.659 8368	9028	21 16.3
16	14 49 9.80	17.59	15 3 38.8	64.1	0.660 7396	9215	21 12.1
17	14 48 52.21	16.97	15 2 34.7	61.2	0.661 6611	9396	21 7.9
18	14 48 35.24	16.35	15 1 33.5	58.3	0.662 6007	9575	21 3.7
19	14 48 18.89	15.71	−15 0 35.2	55.5	0.663 5582	9747	20 59.5
20	14 48 3.18	15.07	14 59 39.7	52.5	0.664 5329	9915	20 55.3
21	14 47 48.11	14.43	14 58 47.2	49.6	0.665 5244	1 0079	20 51.1
22	14 47 33.68	13.77	14 57 57.6	46.6	0.666 5323	1 0238	20 47.0
23	14 47 19.91	13.11	14 57 11.0	43.6	0.667 5561	1 0393	20 42.8
24	14 47 6.80	12.44	14 56 27.4	40.5	0.668 5954	1 0543	20 38.7
25	14 46 54.36	11.76	−14 55 46.9	37.3	0.669 6497	1 0689	20 34.5
26	14 46 42.60	11.08	14 55 9.6	34.2	0.670 7186	1 0830	20 30.4
27	14 46 31.52	10.39	14 54 35.4	31.1	0.671 8016	1 0965	20 26.3
28	14 46 21.13	9.70	14 54 4.3	27.8	0.672 8981	1 1094	20 22.2
29	14 46 11.43	9.00	14 53 36.5	24.7	0.674 0075	1 1220	20 18.1
30	14 46 2.43	8.30	14 53 11.8	21.5	0.675 1295	1 1339	20 14.1
Juli 1	14 45 54.13	7.59	−14 52 50.3	18.2	0.676 2634	1 1454	20 10.0
2	14 45 46.54	6.88	14 52 32.1	15.0	0.677 4088	1 1563	20 6.0
3	14 45 39.66	6.17	14 52 17.1	11.7	0.678 5651	1 1666	20 1.9
4	14 45 33.49	5.46	14 52 5.4	8.4	0.679 7317	1 1766	19 57.9
5	14 45 28.03	4.74	14 51 57.0	5.2	0.680 9083	1 1860	19 53.9
6	14 45 23.29	4.02	14 51 51.8	1.9	0.682 0943	1 1950	19 49.9
7	14 45 19.27	3.31	−14 51 49.9	1.4	0.683 2893	1 2034	19 45.9
8	14 45 15.96	2.59	14 51 51.3	4.7	0.684 4927	1 2113	19 41.9
9	14 45 13.37	1.87	14 51 56.0	7.9	0.685 7040	1 2188	19 38.0
10	14 45 11.50	1.15	14 52 3.9	11.2	0.686 9228	1 2258	19 34.0
11	14 45 10.35	0.43	14 52 15.1	14.5	0.688 1486	1 2323	19 30.1
12	14 45 9.92	0.29	14 52 29.6	17.7	0.689 3809	1 2383	19 26.1
13	14 45 10.21	0.99	−14 52 47.3	21.0	0.690 6192	1 2440	19 22.2
14	14 45 11.20	1.71	14 53 8.3	24.2	0.691 8632	1 2491	19 18.3
15	14 45 12.91	2.42	14 53 32.5	27.4	0.693 1123	1 2539	19 14.4
16	14 45 15.33	3.12	14 53 59.9	30.5	0.694 3662	1 2583	19 10.5
17	14 45 18.45	3.82	14 54 30.4	33.7	0.695 6245	1 2624	19 6.7
18	14 45 22.27	4.53	14 55 4.1	37.0	0.696 8869	1 2661	19 2.8
19	14 45 26.80	5.24	−14 55 41.1	40.0	0.698 1530	1 2694	18 59.0
20	14 45 32.04	5.93	14 56 21.1	43.2	0.699 4224	1 2723	18 55.1
21	14 45 37.97	6.63	14 57 4.3	46.4	0.700 6947	1 2748	18 51.3
22	14 45 44.60	7.33	14 57 50.7	49.4	0.701 9695	1 2771	18 47.5
23	14 45 51.93	8.03	14 58 40.1	52.5	0.703 2466	1 2789	18 43.7
24	14 45 59.96		−14 59 32.6		0.704 5255		18 39.9

Tag		0ʰ Welt-Zeit: Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Obere Kulmination in Greenwich
1935		h m s	s	° ′ ″	′ ″			h m
Juli	24	14 45 59.96	8.72	−14 59 32.6	0 55.6	0.704 5255	1 2804	18 39.9
	25	14 46 8.68	9.41	15 0 28.2	0 58.6	0.705 8059	1 2813	18 36.1
	26	14 46 18.09	10.10	15 1 26.8	1 1.7	0.707 0872	1 2820	18 32.3
	27	14 46 28.19	10.79	15 2 28.5	1 4.8	0.708 3692	1 2823	18 28.6
	28	14 46 38.98	11.47	15 3 33.3	1 7.7	0.709 6515	1 2822	18 24.8
	29	14 46 50.45	12.15	15 4 41.0	1 10.7	0.710 9337	1 2817	18 21.1
	30	14 47 2.60	12.83	−15 5 51.7	1 13.6	0.712 2154	1 2808	18 17.4
	31	14 47 15.43	13.50	15 7 5.3	1 16.4	0.713 4962	1 2796	18 13.7
Aug.	1	14 47 28.93	14.16	15 8 21.7	1 19.3	0.714 7758	1 2781	18 10.0
	2	14 47 43.09	14.84	15 9 41.0	1 22.2	0.716 0539	1 2762	18 6.3
	3	14 47 57.93	15.49	15 11 3.2	1 24.9	0.717 3301	1 2739	18 2.6
	4	14 48 13.42	16.15	15 12 28.1	1 27.8	0.718 6040	1 2714	17 58.9
	5	14 48 29.57	16.80	−15 13 55.9	1 30.5	0.719 8754	1 2685	17 55.3
	6	14 48 46.37	17.45	15 15 26.4	1 33.1	0.721 1439	1 2653	17 51.7
	7	14 49 3.82	18.08	15 16 59.5	1 35.8	0.722 4092	1 2618	17 48.0
	8	14 49 21.90	18.72	15 18 35.3	1 38.4	0.723 6710	1 2586	17 44.4
	9	14 49 40.62	19.34	15 20 13.7	1 41.0	0.724 9290	1 2539	17 40.8
	10	14 49 59.96	19.97	15 21 54.7	1 43.5	0.726 1829	1 2495	17 37.2
	11	14 50 19.93	20.58	−15 23 38.2	1 46.0	0.727 4324	1 2450	17 33.6
	12	14 50 40.51	21.19	15 25 24.2	1 48.5	0.728 6774	1 2401	17 30.0
	13	14 51 1.70	21.79	15 27 12.7	1 51.0	0.729 9175	1 2351	17 26.4
	14	14 51 23.49	22.40	15 29 3.7	1 53.3	0.731 1526	1 2298	17 22.9
	15	14 51 45.89	22.99	15 30 57.0	1 55.6	0.732 3824	1 2244	17 19.3
	16	14 52 8.88	23.58	15 32 52.6	1 57.9	0.733 6068	1 2187	17 15.8
	17	14 52 32.46	24.17	−15 34 50.5	2 0.2	0.734 8255	1 2128	17 12.2
	18	14 52 56.63	24.75	15 36 50.7	2 2.4	0.736 0383	1 2067	17 8.7
	19	14 53 21.38	25.33	15 38 53.1	2 4.7	0.737 2450	1 2004	17 5.2
	20	14 53 46.71	25.90	15 40 57.8	2 6.8	0.738 4454	1 1939	17 1.7
	21	14 54 12.61	26.47	15 43 4.6	2 9.0	0.739 6393	1 1871	16 58.2
	22	14 54 39.08	27.03	15 45 13.6	2 11.0	0.740 8264	1 1801	16 54.7
	23	14 55 6.11	27.60	−15 47 24.6	2 13.1	0.742 0065	1 1729	16 51.2
	24	14 55 33.71	28.14	15 49 37.7	2 15.1	0.743 1794	1 1654	16 47.8
	25	14 56 1.85	28.69	15 51 52.8	2 17.1	0.744 3448	1 1578	16 44.3
	26	14 56 30.54	29.24	15 54 9.9	2 19.0	0.745 5026	1 1499	16 40.9
	27	14 56 59.78	29.77	15 56 28.9	2 20.9	0.746 6525	1 1418	16 37.4
	28	14 57 29.55	30.31	15 58 49.8	2 22.8	0.747 7943	1 1335	16 34.0
	29	14 57 59.86	30.84	−16 1 12.6	2 24.6	0.748 9278	1 1250	16 30.6
	30	14 58 30.70	31.36	16 3 37.2	2 26.3	0.750 0528	1 1163	16 27.1
	31	14 59 2.06	31.88	16 6 3.5	2 28.0	0.751 1691	1 1074	16 23.7
Sept.	1	14 59 33.94	32.39	16 8 31.5	2 29.8	0.752 2765	1 0984	16 20.3
	2	15 0 6.33	32.90	16 11 1.3	2 31.3	0.753 3749	1 0892	16 16.9
	3	15 0 39.23		−16 13 32.6		0.754 4641		16 13.6

Tag		0h Welt-Zeit						Obere Kulmination in Greenwich
		Scheinbare Rektaszension		Scheinbare Deklination		log Δ		
1935		h m s	s	° ′ ″	′ ″			h m
Sept.	3	15 0 39.23	33.39	−16 13 32.6	2 32.9	0.754 4641	1 0797	16 13.6
	4	15 1 12.62	33.88	16 16 5.5	2 34.5	0.755 5438	1 0701	16 10.2
	5	15 1 46.50	34.37	16 18 40.0	2 36.0	0.756 6139	1 0604	16 6.8
	6	15 2 20.87	34.84	16 21 16.0	2 37.5	0.757 6743	1 0505	16 3.5
	7	15 2 55.71	35.32	16 23 53.5	2 38.9	0.758 7248	1 0405	16 0.1
	8	15 3 31.03	35.78	16 26 32.4	2 40.2	0.759 7653	1 0303	15 56.8
	9	15 4 6.81	36.25	−16 29 12.6	2 41.5	0.760 7956	1 0201	15 53.5
	10	15 4 43.06	36.70	16 31 54.1	2 42.9	0.761 8157	1 0097	15 50.1
	11	15 5 19.76	37.16	16 34 37.0	2 44.0	0.762 8254	9993	15 46.8
	12	15 5 56.92	37.60	16 37 21.0	2 45.3	0.763 8247	9887	15 43.5
	13	15 6 34.52	38.03	16 40 6.3	2 46.4	0.764 8134	9781	15 40.2
	14	15 7 12.55	38.47	16 42 52.7	2 47.6	0.765 7915	9673	15 36.9
	15	15 7 51.02	38.90	−16 45 40.3	2 48.7	0.766 7588	9565	15 33.6
	16	15 8 29.92	39.32	16 48 29.0	2 49.7	0.767 7153	9455	15 30.3
	17	15 9 9.24	39.74	16 51 18.7	2 50.7	0.768 6608	9344	15 27.0
	18	15 9 48.98	40.16	16 54 9.4	2 51.7	0.769 5952	9233	15 23.8
	19	15 10 29.14	40.56	16 57 1.1	2 52.6	0.770 5185	9119	15 20.5
	20	15 11 9.70	40.98	16 59 53.7	2 53.6	0.771 4304	9005	15 17.2
	21	15 11 50.68	41.39	−17 2 47.3	2 54.4	0.772 3309	8890	15 14.0
	22	15 12 32.07	41.78	17 5 41.7	2 55.3	0.773 2199	8772	15 10.8
	23	15 13 13.85	42.18	17 8 37.0	2 56.0	0.774 0971	8654	15 7.5
	24	15 13 56.03	42.56	17 11 33.0	2 56.8	0.774 9625	8535	15 4.3
	25	15 14 38.59	42.94	17 14 29.8	2 57.5	0.775 8160	8414	15 1.1
	26	15 15 21.53	43.32	17 17 27.3	2 58.1	0.776 6574	8293	14 57.9
	27	15 16 4.85	43.69	−17 20 25.4	2 58.8	0.777 4867	8170	14 54.7
	28	15 16 48.54	44.05	17 23 24.2	2 59.3	0.778 3037	8046	14 51.5
	29	15 17 32.59	44.41	17 26 23.5	2 59.9	0.779 1083	7921	14 48.3
	30	15 18 17.00	44.77	17 29 23.4	3 0.3	0.779 9004	7796	14 45.1
Okt.	1	15 19 1.77	45.11	17 32 23.7	3 0.8	0.780 6800	7669	14 41.9
	2	15 19 46.88	45.45	17 35 24.5	3 1.2	0.781 4469	7540	14 38.7
	3	15 20 32.33	45.79	−17 38 25.7	3 1.6	0.782 2009	7413	14 35.5
	4	15 21 18.12	46.11	17 41 27.3	3 2.0	0.782 9422	7283	14 32.4
	5	15 22 4.23	46.44	17 44 29.3	3 2.3	0.783 6705	7154	14 29.2
	6	15 22 50.67	46.76	17 47 31.6	3 2.5	0.784 3859	7025	14 26.0
	7	15 23 37.43	47.07	17 50 34.1	3 2.7	0.785 0884	6895	14 22.9
	8	15 24 24.50	47.37	17 53 36.8	3 3.0	0.785 7779	6763	14 19.7
	9	15 25 11.87	47.67	−17 56 39.8	3 3.0	0.786 4542	6632	14 16.6
	10	15 25 59.54	47.97	17 59 42.8	3 3.2	0.787 1174	6500	14 13.5
	11	15 26 47.51	48.26	18 2 46.0	3 3.3	0.787 7674	6368	14 10.3
	12	15 27 35.77	48.54	18 5 49.3	3 3.3	0.788 4042	6235	14 7.2
	13	15 28 24.31	48.83	18 8 52.6	3 3.3	0.789 0277	6102	14 4.1
	14	15 29 13.14		−18 11 55.9		0.789 6379		14 1.0

Tag	0ʰ Welt-Zeit: Scheinbare Rektaszension		0ʰ Welt-Zeit: Scheinbare Deklination		0ʰ Welt-Zeit: log Δ		Obere Kulmination in Greenwich
1935	h m s	s	° ′ ″	′ ″			h m
Okt. 14	15 29 13.14	49.11	−18 11 55.9	3 3.4	0.789 6379	5969	14 1.0
15	15 30 2.25	49.38	18 14 59.3	3 3.3	0.790 2348	5836	13 57.8
16	15 30 51.63	49.65	18 18 2.6	3 3.2	0.790 8184	5701	13 54.7
17	15 31 41.28	49.91	18 21 5.8	3 3.2	0.791 3885	5565	13 51.6
18	15 32 31.19	50.18	18 24 9.0	3 3.0	0.791 9450	5430	13 48.5
19	15 33 21.37	50.43	18 27 12.0	3 2.8	0.792 4880	5292	13 45.4
20	15 34 11.80	50.68	−18 30 14.8	3 2.6	0.793 0172	5154	13 42.3
21	15 35 2.48	50.93	18 33 17.4	3 2.4	0.793 5326	5016	13 39.3
22	15 35 53.41	51.16	18 36 19.8	3 2.1	0.794 0342	4877	13 36.2
23	15 36 44.57	51.40	18 39 21.9	3 1.8	0.794 5219	4738	13 33.1
24	15 37 35.97	51.63	18 42 23.7	3 1.5	0.794 9957	4597	13 30.0
25	15 38 27.60	51.85	18 45 25.2	3 1.1	0.795 4554	4457	13 26.9
26	15 39 19.45	52.07	−18 48 26.3	3 0.7	0.795 9011	4315	13 23.8
27	15 40 11.52	52.29	18 51 27.0	3 0.3	0.796 3326	4174	13 20.8
28	15 41 3.81	52.50	18 54 27.3	2 59.8	0.796 7500	4031	13 17.7
29	15 41 56.31	52.70	18 57 27.1	2 59.3	0.797 1531	3889	13 14.7
30	15 42 49.01	52.89	19 0 26.4	2 58.8	0.797 5420	3744	13 11.6
31	15 43 41.90	53.07	19 3 25.2	2 58.2	0.797 9164	3601	13 8.6
Nov. 1	15 44 34.97	53.26	−19 6 23.4	2 57.6	0.798 2765	3456	13 5.5
2	15 45 28.23	53.43	19 9 21.0	2 57.0	0.798 6221	3312	13 2.5
3	15 46 21.66	53.61	19 12 18.0	2 56.3	0.798 9533	3168	12 59.4
4	15 47 15.27	53.77	19 15 14.3	2 55.7	0.799 2701	3023	12 56.4
5	15 48 9.04	53.93	19 18 10.0	2 54.9	0.799 5724	2878	12 53.3
6	15 49 2.97	54.09	19 21 4.9	2 54.2	0.799 8602	2734	12 50.3
7	15 49 57.06	54.24	−19 23 59.1	2 53.4	0.800 1336	2590	12 47.3
8	15 50 51.30	54.37	19 26 52.5	2 52.6	0.800 3926	2446	12 44.2
9	15 51 45.67	54.52	19 29 45.1	2 51.8	0.800 6372	2301	12 41.2
10	15 52 40.19	54.65	19 32 36.9	2 50.9	0.800 8673	2156	12 38.2
11	15 53 34.84	54.78	19 35 27.8	2 50.2	0.801 0829	2010	12 35.2
12	15 54 29.62	54.91	19 38 18.0	2 49.3	0.801 2839	1865	12 32.1
13	15 55 24.53	55.03	−19 41 7.3	2 48.5	0.801 4704	1719	12 29.1
14	15 56 19.56	55.15	19 43 55.8	2 47.6	0.801 6423	1573	12 26.1
15	15 57 14.71	55.26	19 46 43.4	2 46.6	0.801 7996	1427	12 23.1
16	15 58 9.97	55.37	19 49 30.0	2 45.6	0.801 9423	1281	12 20.1
17	15 59 5.34	55.47	19 52 15.6	2 44.6	0.802 0704	1134	12 17.0
18	16 0 0.81	55.56	19 55 0.2	2 43.7	0.802 1838	986	12 14.0
19	16 0 56.37	55.66	−19 57 43.9	2 42.6	0.802 2824	838	12 11.0
20	16 1 52.03	55.74	20 0 26.5	2 41.5	0.802 3662	689	12 8.0
21	16 2 47.77	55.82	20 3 8.0	2 40.4	0.802 4351	540	12 5.0
22	16 3 43.59	55.89	20 5 48.4	2 39.4	0.802 4891	390	12 2.0
23	16 4 39.48	55.96	20 8 27.8	2 38.2	0.802 5281	242	11 59.0
24	16 5 35.44		−20 11 6.0		0.802 5523		11 56.0

Tag		Scheinbare Rektaszension (0h Welt-Zeit)		Scheinbare Deklination (0h Welt-Zeit)		log Δ (0h Welt-Zeit)		Obere Kulmination in Greenwich
1935		h m s	s	° ′ ″	′ ″			h m
Nov.	24	16 5 35.44	56.02	−20 11 6.0	2 37.0	0.802 5523	92	11 56.0
	25	16 6 31.46	56.07	20 13 43.0	2 35.8	0.802 5615	57	11 53.0
	26	16 7 27.53	56.12	20 16 18.8	2 34.7	0.802 5558	207	11 50.0
	27	16 8 23.65	56.17	20 18 53.5	2 33.5	0.802 5351	357	11 47.0
	28	16 9 19.82	56.20	20 21 27.0	2 32.3	0.802 4994	508	11 44.0
	29	16 10 16.02	56.23	20 23 59.3	2 31.0	0.802 4486	657	11 41.0
	30	16 11 12.25	56.25	−20 26 30.3	2 29.8	0.802 3829	807	11 38.0
Dez.	1	16 12 8.50	56.26	20 29 0.1	2 28.5	0.802 3022	957	11 35.0
	2	16 13 4.76	56.27	20 31 28.6	2 27.2	0.802 2065	1108	11 32.0
	3	16 14 1.03	56.28	20 33 55.8	2 25.9	0.802 0957	1256	11 29.0
	4	16 14 57.31	56.27	20 36 21.7	2 24.5	0.801 9701	1406	11 26.0
	5	16 15 53.58	56.26	20 38 46.2	2 23.2	0.801 8295	1555	11 23.0
	6	16 16 49.84	56.25	−20 41 9.4	2 21.9	0.801 6740	1703	11 20.0
	7	16 17 46.09	56.24	20 43 31.3	2 20.5	0.801 5037	1851	11 17.0
	8	16 18 42.33	56.21	20 45 51.8	2 19.1	0.801 3186	2000	11 14.0
	9	16 19 38.54	56.18	20 48 10.9	2 17.8	0.801 1186	2147	11 11.0
	10	16 20 34.72	56.14	20 50 28.7	2 16.4	0.800 9039	2296	11 8.0
	11	16 21 30.86	56.11	20 52 45.1	2 14.9	0.800 6743	2445	11 5.0
	12	16 22 26.97	56.06	−20 55 0.0	2 13.6	0.800 4298	2593	11 2.0
	13	16 23 23.03	56.01	20 57 13.6	2 12.1	0.800 1705	2741	10 59.0
	14	16 24 19.04	55.95	20 59 25.7	2 10.7	0.799 8964	2891	10 56.0
	15	16 25 14.99	55.89	21 1 36.4	2 9.2	0.799 6073	3040	10 53.0
	16	16 26 10.88	55.83	21 3 45.6	2 7.8	0.799 3033	3188	10 50.0
	17	16 27 6.71	55.74	21 5 53.4	2 6.2	0.798 9845	3337	10 47.0
	18	16 28 2.45	55.67	−21 7 59.6	2 4.8	0.798 6508	3486	10 44.0
	19	16 28 58.12	55.58	21 10 4.4	2 3.4	0.798 3022	3635	10 41.0
	20	16 29 53.70	55.48	21 12 7.8	2 1.8	0.797 9387	3783	10 38.0
	21	16 30 49.18	55.38	21 14 9.6	2 0.3	0.797 5604	3931	10 34.9
	22	16 31 44.56	55.27	21 16 9.9	1 58.8	0.797 1673	4080	10 31.9
	23	16 32 39.83	55.16	21 18 8.7	1 57.3	0.796 7593	4229	10 28.9
	24	16 33 34.99	55.03	−21 20 6.0	1 55.7	0.796 3364	4377	10 25.9
	25	16 34 30.02	54.90	21 22 1.7	1 54.2	0.795 8987	4525	10 22.9
	26	16 35 24.92	54.77	21 23 55.9	1 52.7	0.795 4462	4674	10 19.9
	27	16 36 19.69	54.62	21 25 48.6	1 51.2	0.794 9788	4822	10 16.8
	28	16 37 14.31	54.47	21 27 39.8	1 49.6	0.794 4966	4969	10 13.8
	29	16 38 8.78	54.32	21 29 29.4	1 48.0	0.793 9997	5115	10 10.8
	30	16 39 3.10	54.14	−21 31 17.4	1 46.5	0.793 4882	5262	10 7.7
	31	16 39 57.24	53.97	21 33 3.9	1 45.0	0.792 9620	5407	10 4.7
	32	16 40 51.21		−21 34 48.9		0.792 4213		10 1.7

Tag		0h Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Obere Kulmination in Greenwich
1935		h m s	s	° ′ ″	′ ″			h m
Jan.	0	21 50 38.48	22.44	−14 31 6.9	1 58.6	1.019 0627	4943	15 13.4
	1	21 51 0.92	22.67	14 29 8.3	1 59.8	1.019 5570	4859	15 9.9
	2	21 51 23.59	22.89	14 27 8.5	2 1.0	1.020 0429	4775	15 6.3
	3	21 51 46.48	23.11	14 25 7.5	2 2.1	1.020 5204	4690	15 2.8
	4	21 52 9.59	23.32	14 23 5.4	2 3.4	1.020 9894	4602	14 59.2
	5	21 52 32.91	23.53	14 21 2.0	2 4.5	1.021 4496	4515	14 55.7
	6	21 52 56.44	23.72	−14 18 57.5	2 5.7	1.021 9011	4426	14 52.2
	7	21 53 20.16	23.93	14 16 51.8	2 6.7	1.022 3437	4337	14 48.6
	8	21 53 44.09	24.11	14 14 45.1	2 7.8	1.022 7774	4247	14 45.1
	9	21 54 8.20	24.29	14 12 37.3	2 8.8	1.023 2021	4155	14 41.6
	10	21 54 32.49	24.48	14 10 28.5	2 9.9	1.023 6176	4064	14 38.0
	11	21 54 56.97	24.66	14 8 18.6	2 10.8	1.024 0240	3972	14 34.5
	12	21 55 21.63	24.83	−14 6 7.8	2 11.9	1.024 4212	3879	14 31.0
	13	21 55 46.46	24.99	14 3 55.9	2 12.7	1.024 8091	3786	14 27.5
	14	21 56 11.45	25.15	14 1 43.2	2 13.7	1.025 1877	3692	14 23.9
	15	21 56 36.60	25.32	13 59 29.5	2 14.6	1.025 5569	3598	14 20.4
	16	21 57 1.92	25.46	13 57 14.9	2 15.5	1.025 9167	3503	14 16.9
	17	21 57 27.38	25.61	13 54 59.4	2 16.3	1.026 2670	3409	14 13.4
	18	21 57 52.99	25.75	−13 52 43.1	2 17.2	1.026 6079	3312	14 9.9
	19	21 58 18.74	25.89	13 50 25.9	2 18.0	1.026 9391	3216	14 6.4
	20	21 58 44.63	26.03	13 48 7.9	2 18.8	1.027 2607	3119	14 2.9
	21	21 59 10.66	26.16	13 45 49.1	2 19.7	1.027 5726	3022	13 59.4
	22	21 59 36.82	26.29	13 43 29.4	2 20.3	1.027 8748	2925	13 55.9
	23	22 0 3.11	26.41	13 41 9.1	2 21.1	1.028 1673	2827	13 52.4
	24	22 0 29.52	26.52	−13 38 48.0	2 21.9	1.028 4500	2729	13 48.9
	25	22 0 56.04	26.64	13 36 26.1	2 22.5	1.028 7229	2631	13 45.4
	26	22 1 22.68	26.75	13 34 3.6	2 23.2	1.028 9860	2531	13 41.9
	27	22 1 49.43	26.85	13 31 40.4	2 23.8	1.029 2391	2431	13 38.5
	28	22 2 16.28	26.95	13 29 16.6	2 24.5	1.029 4822	2331	13 35.0
	29	22 2 43.23	27.06	13 26 52.1	2 25.1	1.029 7153	2231	13 31.5
	30	22 3 10.29	27.14	−13 24 27.0	2 25.6	1.029 9384	2129	13 28.0
	31	22 3 37.43	27.23	13 22 1.4	2 26.3	1.030 1513	2028	13 24.5
Febr.	1	22 4 4.66	27.31	13 19 35.1	2 26.8	1.030 3541	1926	13 21.0
	2	22 4 31.97	27.38	13 17 8.3	2 27.3	1.030 5467	1823	13 17.6
	3	22 4 59.35	27.46	13 14 41.0	2 27.8	1.030 7290	1720	13 14.1
	4	22 5 26.81	27.53	13 12 13.2	2 28.3	1.030 9010	1617	13 10.6
	5	22 5 54.34	27.59	−13 9 44.9	2 28.6	1.031 0627	1513	13 7.2
	6	22 6 21.93	27.65	13 7 16.3	2 29.1	1.031 2140	1410	13 3.7
	7	22 6 49.58	27.70	13 4 47.2	2 29.4	1.031 3550	1306	13 0.2
	8	22 7 17.28	27.75	13 2 17.8	2 29.8	1.031 4856	1202	12 56.7
	9	22 7 45.03	27.79	12 59 48.0	2 30.2	1.031 6058	1099	12 53.3
	10	22 8 12.82		−12 57 17.8		1.031 7157		12 49.8

Tag		0h Welt-Zeit						Obere Kulmination in Greenwich
		Scheinbare Rektaszension		Scheinbare Deklination		log Δ		
1935		h m s	s	° ′ ″	′ ″			h m
Febr.	10	22 8 12.82	27.82	−12 57 17.8	2 30.4	1.031 7157	996	12 49.8
	11	22 8 40.64	27.86	12 54 47.4	2 30.7	1.031 8153	892	12 46.3
	12	22 9 8.50	27.89	12 52 16.7	2 30.9	1.031 9045	788	12 42.8
	13	22 9 36.39	27.91	12 49 45.8	2 31.1	1.031 9833	685	12 39.4
	14	22 10 4.30	27.94	12 47 14.7	2 31.4	1.032 0518	582	12 35.9
	15	22 10 32.24	27.95	12 44 43.3	2 31.5	1.032 1100	478	12 32.4
	16	22 11 0.19	27.96	−12 42 11.8	2 31.7	1.032 1578	375	12 29.0
	17	22 11 28.15	27.98	12 39 40.1	2 31.8	1.032 1953	271	12 25.5
	18	22 11 56.13	27.97	12 37 8.3	2 31.9	1.032 2224	168	12 22.0
	19	22 12 24.10	27.98	12 34 36.4	2 32.0	1.032 2392	65	12 18.6
	20	22 12 52.08	27.97	12 32 4.4	2 32.0	1.032 2457	$\overline{38}$	12 15.1
	21	22 13 20.05	27.97	12 29 32.4	2 32.2	1.032 2419	142	12 11.6
	22	22 13 48.02	27.95	−12 27 0.2	2 32.1	1.032 2277	245	12 8.2
	23	22 14 15.97	27.94	12 24 28.1	2 32.1	1.032 2032	347	12 4.7
	24	22 14 43.91	27.92	12 21 56.0	2 32.1	1.032 1685	451	12 1.2
	25	22 15 11.83	27.89	12 19 23.9	2 32.1	1.032 1234	554	11 57.8
	26	22 15 39.72	27.86	12 16 51.8	2 32.0	1.032 0680	657	11 54.3
	27	22 16 7.58	27.84	12 14 19.8	2 31.8	1.032 0023	760	11 50.8
	28	22 16 35.42	27.79	−12 11 48.0	2 31.8	1.031 9263	864	11 47.3
März	1	22 17 3.21	27.76	12 9 16.2	2 31.5	1.031 8399	967	11 43.9
	2	22 17 30.97	27.71	12 6 44.7	2 31.4	1.031 7432	1070	11 40.4
	3	22 17 58.68	27.66	12 4 13.3	2 31.2	1.031 6362	1173	11 36.9
	4	22 18 26.34	27.61	12 1 42.1	2 30.9	1.031 5189	1276	11 33.4
	5	22 18 53.95	27.54	11 59 11.2	2 30.6	1.031 3913	1377	11 30.0
	6	22 19 21.49	27.47	−11 56 40.6	2 30.3	1.031 2536	1480	11 26.5
	7	22 19 48.96	27.41	11 54 10.3	2 30.0	1.031 1056	1582	11 23.0
	8	22 20 16.37	27.34	11 51 40.3	2 29.7	1.030 9474	1683	11 19.5
	9	22 20 43.71	27.26	11 49 10.6	2 29.2	1.030 7791	1785	11 16.1
	10	22 21 10.97	27.17	11 46 41.4	2 28.9	1.030 6006	1885	11 12.6
	11	22 21 38.14	27.09	11 44 12.5	2 28.4	1.030 4121	1984	11 9.1
	12	22 22 5.23	27.00	−11 41 44.1	2 28.0	1.030 2137	2084	11 5.6
	13	22 22 32.23	26.90	11 39 16.1	2 27.5	1.030 0053	2184	11 2.1
	14	22 22 59.13	26.80	11 36 48.6	2 26.9	1.029 7869	2282	10 58.6
	15	22 23 25.93	26.71	11 34 21.7	2 26.4	1.029 5587	2379	10 55.1
	16	22 23 52.64	26.60	11 31 55.3	2 25.8	1.029 3208	2478	10 51.7
	17	22 24 19.24	26.49	11 29 29.5	2 25.3	1.029 0730	2575	10 48.2
	18	22 24 45.73	26.37	−11 27 4.2	2 24.6	1.028 8155	2671	10 44.7
	19	22 25 12.10	26.27	11 24 39.6	2 24.0	1.028 5484	2767	10 41.2
	20	22 25 38.37	26.14	11 22 15.6	2 23.4	1.028 2717	2863	10 37.7
	21	22 26 4.51	26.01	11 19 52.2	2 22.7	1.027 9854	2959	10 34.2
	22	22 26 30.52	25.89	11 17 29.5	2 22.0	1.027 6895	3053	10 30.7
	23	22 26 56.41		−11 15 7.5		1.027 3842		10 27.2

Tag	0ʰ Welt-Zeit: Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Obere Kulmination in Greenwich
1935	h m s	s	° ′ ″	′ ″			h m
März 23	22 26 56.41	25.75	−11 15 7.5	2 21.3	1.027 3842	3148	10 27.2
24	22 27 22.16	25.62	11 12 46.2	2 20.6	1.027 0694	3242	10 23.7
25	22 27 47.78	25.48	11 10 25.6	2 19.7	1.026 7452	3336	10 20.2
26	22 28 13.26	25.34	11 8 5.9	2 19.0	1.026 4116	3429	10 16.7
27	22 28 38.60	25.19	11 5 46.9	2 18.1	1.026 0687	3522	10 13.1
28	22 29 3.79	25.04	11 3 28.8	2 17.3	1.025 7165	3615	10 9.6
29	22 29 28.83	24.89	−11 1 11.5	2 16.4	1.025 3550	3707	10 6.1
30	22 29 53.72	24.73	10 58 55.1	2 15.5	1.024 9845	3797	10 2.6
31	22 30 18.45	24.57	10 56 39.6	2 14.6	1.024 6048	3888	9 59.1
April 1	22 30 43.02	24.40	10 54 25.0	2 13.6	1.024 2160	3978	9 55.6
2	22 31 7.42	24.22	10 52 11.4	2 12.5	1.023 8182	4068	9 52.0
3	22 31 31.64	24.05	10 49 58.9	2 11.6	1.023 4114	4156	9 48.5
4	22 31 55.69	23.87	−10 47 47.3	2 10.5	1.022 9958	4244	9 44.9
5	22 32 19.56	23.68	10 45 36.8	2 9.4	1.022 5714	4331	9 41.4
6	22 32 43.24	23.50	10 43 27.4	2 8.3	1.022 1383	4417	9 37.9
7	22 33 6.74	23.30	10 41 19.1	2 7.2	1.021 6966	4502	9 34.3
8	22 33 30.04	23.11	10 39 11.9	2 6.0	1.021 2464	4586	9 30.8
9	22 33 53.15	22.91	10 37 5.9	2 4.9	1.020 7878	4669	9 27.2
10	22 34 16.06	22.70	−10 35 1.0	2 3.6	1.020 3209	4752	9 23.7
11	22 34 38.76	22.50	10 32 57.4	2 2.5	1.019 8457	4834	9 20.1
12	22 35 1.26	22.29	10 30 54.9	2 1.2	1.019 3623	4914	9 16.6
13	22 35 23.55	22.07	10 28 53.7	1 59.9	1.018 8709	4994	9 13.0
14	22 35 45.62	21.86	10 26 53.8	1 58.7	1.018 3715	5072	9 9.5
15	22 36 7.48	21.64	10 24 55.1	1 57.3	1.017 8643	5149	9 5.9
16	22 36 29.12	21.42	−10 22 57.8	1 56.0	1.017 3494	5227	9 2.3
17	22 36 50.54	21.19	10 21 1.8	1 54.6	1.016 8267	5303	8 58.7
18	22 37 11.73	20.96	10 19 7.2	1 53.3	1.016 2964	5378	8 55.1
19	22 37 32.69	20.72	10 17 13.9	1 51.9	1.015 7586	5452	8 51.5
20	22 37 53.41	20.50	10 15 22.0	1 50.4	1.015 2134	5525	8 47.9
21	22 38 13.91	20.25	10 13 31.6	1 49.0	1.014 6609	5598	8 44.3
22	22 38 34.16	20.01	−10 11 42.6	1 47.6	1.014 1011	5669	8 40.8
23	22 38 54.17	19.76	10 9 55.0	1 46.0	1.013 5342	5739	8 37.2
24	22 39 13.93	19.52	10 8 9.0	1 44.6	1.012 9603	5809	8 33.6
25	22 39 33.45	19.26	10 6 24.4	1 43.0	1.012 3794	5877	8 29.9
26	22 39 52.71	19.01	10 4 41.4	1 41.5	1.011 7917	5946	8 26.3
27	22 40 11.72	18.75	10 2 59.9	1 39.8	1.011 1971	6012	8 22.7
28	22 40 30.47	18.48	−10 1 20.1	1 38.3	1.010 5959	6079	8 19.1
29	22 40 48.95	18.21	9 59 41.8	1 36.6	1.009 9880	6143	8 15.5
30	22 41 7.16	17.94	9 58 5.2	1 34.9	1.009 3737	6206	8 11.8
Mai 1	22 41 25.10	17.67	9 56 30.3	1 33.3	1.008 7531	6269	8 8.2
2	22 41 42.77	17.38	9 54 57.0	1 31.5	1.008 1262	6329	8 4.6
3	22 42 0.15		−9 53 25.5		1.007 4933		8 0.9

Tag		0h Welt-Zeit						Obere Kulmination in Greenwich
		Scheinbare Rektaszension		Scheinbare Deklination		log Δ		
1935		h m s	s	° ′ ″	′ ″			h m
Mai	3	22 42 0.15	17.11	−9 53 25.5	1 29.8	1.007 4933	6388	8 0.9
	4	22 42 17.26	16.81	9 51 55.7	1 28.0	1.006 8545	6445	7 57.2
	5	22 42 34.07	16.53	9 50 27.7	1 26.3	1.006 2100	6502	7 53.6
	6	22 42 50.60	16.24	9 49 1.4	1 24.4	1.005 5598	6556	7 49.9
	7	22 43 6.84	15.94	9 47 37.0	1 22.7	1.004 9042	6610	7 46.3
	8	22 43 22.78	15.65	9 46 14.3	1 20.8	1.004 2432	6662	7 42.6
	9	22 43 38.43	15.34	−9 44 53.5	1 19.0	1.003 5770	6713	7 38.9
	10	22 43 53.77	15.04	9 43 34.5	1 17.1	1.002 9057	6762	7 35.3
	11	22 44 8.81	14.74	9 42 17.4	1 15.2	1.002 2295	6809	7 31.6
	12	22 44 23.55	14.43	9 41 2.2	1 13.2	1.001 5486	6855	7 27.9
	13	22 44 37.98	14.11	9 39 49.0	1 11.4	1.000 8631	6899	7 24.2
	14	22 44 52.09	13.81	9 38 37.6	1 9.5	1.000 1732	6942	7 20.5
	15	22 45 5.90	13.49	−9 37 28.1	1 7.5	0.999 4790	6985	7 16.8
	16	22 45 19.39	13.17	9 36 20.6	1 5.6	0.998 7805	7025	7 13.1
	17	22 45 32.56	12.85	9 35 15.0	1 3.6	0.998 0780	7064	7 9.4
	18	22 45 45.41	12.53	9 34 11.4	1 1.7	0.997 3716	7102	7 5.7
	19	22 45 57.94	12.20	9 33 9.7	0 59.6	0.996 6614	7137	7 1.9
	20	22 46 10.14	11.88	9 32 10.1	0 57.5	0.995 9477	7171	6 58.2
	21	22 46 22.02	11.54	−9 31 12.6	0 55.5	0.995 2306	7204	6 54.5
	22	22 46 33.56	11.21	9 30 17.1	0 53.5	0.994 5102	7235	6 50.7
	23	22 46 44.77	10.88	9 29 23.6	0 51.4	0.993 7867	7265	6 47.0
	24	22 46 55.65	10.54	9 28 32.2	0 49.4	0.993 0602	7294	6 43.2
	25	22 47 6.19	10.20	9 27 42.8	0 47.2	0.992 3308	7321	6 39.4
	26	22 47 16.39	9.85	9 26 55.6	0 45.1	0.991 5987	7345	6 35.7
	27	22 47 26.24	9.51	−9 26 10.5	0 42.9	0.990 8642	7369	6 31.9
	28	22 47 35.75	9.16	9 25 27.6	0 40.8	0.990 1273	7390	6 28.2
	29	22 47 44.91	8.81	9 24 46.8	0 38.6	0.989 3883	7410	6 24.4
	30	22 47 53.72	8.46	9 24 8.2	0 36.4	0.988 6473	7427	6 20.6
	31	22 48 2.18	8.10	9 23 31.8	0 34.3	0.987 9046	7443	6 16.8
Juni	1	22 48 10.28	7.74	9 22 57.5	0 32.0	0.987 1603	7456	6 13.0
	2	22 48 18.02	7.39	−9 22 25.5	0 29.8	0.986 4147	7468	6 9.2
	3	22 48 25.41	7.02	9 21 55.7	0 27.6	0.985 6679	7477	6 5.4
	4	22 48 32.43	6.67	9 21 28.1	0 25.4	0.984 9202	7484	6 1.5
	5	22 48 39.10	6.30	9 21 2.7	0 23.1	0.984 1718	7488	5 57.7
	6	22 48 45.40	5.94	9 20 39.6	0 20.9	0.983 4230	7492	5 53.9
	7	22 48 51.34	5.57	9 20 18.7	0 18.7	0.982 6738	7493	5 50.1
	8	22 48 56.91	5.21	−9 20 0.0	0 16.4	0.981 9245	7492	5 46.2
	9	22 49 2.12	4.83	9 19 43.6	0 14.2	0.981 1753	7488	5 42.4
	10	22 49 6.95	4.47	9 19 29.4	0 12.0	0.980 4265	7483	5 38.5
	11	22 49 11.42	4.11	9 19 17.4	0 9.7	0.979 6782	7476	5 34.7
	12	22 49 15.53	3.73	9 19 7.7	0 7.4	0.978 9306	7467	5 30.8
	13	22 49 19.26		−9 19 0.3		0.978 1839		5 26.9

Tag	Scheinbare Rektaszension	Diff.	Scheinbare Deklination	Diff.	log Δ	Diff.	Obere Kulmination in Greenwich
	0h Welt-Zeit						
1935	h m s	s	° ′ ″	′ ″			h m
Juni 13	22 49 19.26	3.37	−9 19 0.3	0 5.2	0.978 1839	7456	5 26.9
14	22 49 22.63	3.00	9 18 55.1	0 3.0	0.977 4383	7442	5 23.0
15	22 49 25.63	2.62	9 18 52.1	0 0.7	0.976 6941	7428	5 19.2
16	22 49 28.25	2.26	9 18 51.4	0 1.5	0.975 9513	7410	5 15.3
17	22 49 30.51	1.89	9 18 52.9	0 3.8	0.975 2103	7391	5 11.4
18	22 49 32.40	1.52	9 18 56.7	0 6.0	0.974 4712	7369	5 7.5
19	22 49 33.92	1.15	−9 19 2.7	0 8.3	0.973 7343	7346	5 3.6
20	22 49 35.07	0.77	9 19 11.0	0 10.5	0.972 9997	7321	4 59.7
21	22 49 35.84	0.41	9 19 21.5	0 12.8	0.972 2676	7294	4 55.7
22	22 49 36.25	0.03	9 19 34.3	0 15.1	0.971 5382	7263	4 51.8
23	22 49 36.28	0.34	9 19 49.4	0 17.2	0.970 8119	7232	4 47.9
24	22 49 35.94	0.71	9 20 6.6	0 19.5	0.970 0887	7197	4 43.9
25	22 49 35.23	1.09	−9 20 26.1	0 21.8	0.969 3690	7160	4 40.0
26	22 49 34.14	1.46	9 20 47.9	0 24.0	0.968 6530	7121	4 36.1
27	22 49 32.68	1.83	9 21 11.9	0 26.2	0.967 9409	7080	4 32.1
28	22 49 30.85	2.20	9 21 38.1	0 28.4	0.967 2329	7035	4 28.1
29	22 49 28.65	2.57	9 22 6.5	0 30.6	0.966 5294	6988	4 24.2
30	22 49 26.08	2.94	9 22 37.1	0 32.8	0.965 8306	6940	4 20.2
Juli 1	22 49 23.14	3.31	−9 23 9.9	0 35.0	0.965 1366	6887	4 16.2
2	22 49 19.83	3.67	9 23 44.9	0 37.1	0.964 4479	6834	4 12.2
3	22 49 16.16	4.04	9 24 22.0	0 39.3	0.963 7645	6777	4 8.2
4	22 49 12.12	4.39	9 25 1.3	0 41.5	0.963 0868	6718	4 4.2
5	22 49 7.73	4.76	9 25 42.8	0 43.5	0.962 4150	6656	4 0.2
6	22 49 2.97	5.11	9 26 26.3	0 45.6	0.961 7494	6593	3 56.2
7	22 48 57.86	5.47	−9 27 11.9	0 47.6	0.961 0901	6527	3 52.2
8	22 48 52.39	5.81	9 27 59.5	0 49.7	0.960 4374	6458	3 48.2
9	22 48 46.58	6.17	9 28 49.2	0 51.6	0.959 7916	6387	3 44.1
10	22 48 40.41	6.51	9 29 40.8	0 53.7	0.959 1529	6315	3 40.1
11	22 48 33.90	6.85	9 30 34.5	0 55.6	0.958 5214	6240	3 36.1
12	22 48 27.05	7.19	9 31 30.1	0 57.6	0.957 8974	6162	3 32.0
13	22 48 19.86	7.53	−9 32 27.7	0 59.5	0.957 2812	6084	3 28.0
14	22 48 12.33	7.86	9 33 27.2	1 1.4	0.956 6728	6002	3 23.9
15	22 48 4.47	8.19	9 34 28.6	1 3.2	0.956 0726	5919	3 19.8
16	22 47 56.28	8.51	9 35 31.8	1 5.1	0.955 4807	5833	3 15.8
17	22 47 47.77	8.83	9 36 36.9	1 6.9	0.954 8974	5746	3 11.7
18	22 47 38.94	9.16	9 37 43.8	1 8.7	0.954 3228	5655	3 7.6
19	22 47 29.78	9.47	−9 38 52.5	1 10.4	0.953 7573	5563	3 3.5
20	22 47 20.31	9.78	9 40 2.9	1 12.2	0.953 2010	5468	2 59.4
21	22 47 10.53	10.09	9 41 15.1	1 13.9	0.952 6542	5372	2 55.3
22	22 47 0.44	10.40	9 42 29.0	1 15.6	0.952 1170	5274	2 51.2
23	22 46 50.04	10.69	9 43 44.6	1 17.2	0.951 5896	5173	2 47.1
24	22 46 39.35		−9 45 1.8		0.951 0723		2 43.0

Tag		0h Welt-Zeit						Obere Kulmination in Greenwich
		Scheinbare Rektaszension		Scheinbare Deklination		log Δ		
1935		h m s	s	° ′ ″	′ ″			h m
Juli	24	22 46 39.35	10.99	— 9 45 1.8	1 18.8	0.951 0723	5070	2 43.0
	25	22 46 28.36	11.28	9 46 20.6	1 20.3	0.950 5653	4964	2 38.9
	26	22 46 17.08	11.57	9 47 40.9	1 22.0	0.950 0689	4857	2 34.8
	27	22 46 5.51	11.85	9 49 2.9	1 23.4	0.949 5832	4746	2 30.7
	28	22 45 53.66	12.12	9 50 26.3	1 24.9	0.949 1086	4633	2 26.5
	29	22 45 41.54	12.39	9 51 51.2	1 26.3	0.948 6453	4520	2 22.4
	30	22 45 29.15	12.65	— 9 53 17.5	1 27.6	0.948 1933	4403	2 18.3
	31	22 45 16.50	12.90	9 54 45.1	1 29.0	0.947 7530	4285	2 14.1
Aug.	1	22 45 3.60	13.16	9 56 14.1	1 30.2	0.947 3245	4164	2 10.0
	2	22 44 50.44	13.39	9 57 44.3	1 31.5	0.946 9081	4043	2 5.8
	3	22 44 37.05	13.64	9 59 15.8	1 32.7	0.946 5038	3919	2 1.7
	4	22 44 23.41	13.86	10 0 48.5	1 33.8	0.946 1119	3793	1 57.5
	5	22 44 9.55	14.09	—10 2 22.3	1 34.9	0.945 7326	3666	1 53.4
	6	22 43 55.46	14.30	10 3 57.2	1 35.9	0.945 3660	3538	1 49.2
	7	22 43 41.16	14.51	10 5 33.1	1 36.9	0.945 0122	3408	1 45.0
	8	22 43 26.65	14.71	10 7 10.0	1 37.8	0.944 6714	3276	1 40.9
	9	22 43 11.94	14.90	10 8 47.8	1 38.7	0.944 3438	3144	1 36.7
	10	22 42 57.04	15.09	10 10 26.5	1 39.6	0.944 0294	3010	1 32.5
	11	22 42 41.95	15.26	—10 12 6.1	1 40.4	0.943 7284	2874	1 28.3
	12	22 42 26.69	15.44	10 13 46.5	1 41.1	0.943 4410	2738	1 24.1
	13	22 42 11.25	15.60	10 15 27.6	1 41.8	0.943 1672	2601	1 19.9
	14	22 41 55.65	15.76	10 17 9.4	1 42.4	0.942 9071	2462	1 15.7
	15	22 41 39.89	15.90	10 18 51.8	1 43.1	0.942 6609	2321	1 11.6
	16	22 41 23.99	16.04	10 20 34.9	1 43.7	0.942 4288	2180	1 7.4
	17	22 41 7.95	16.18	—10 22 18.6	1 44.1	0.942 2108	2039	1 3.2
	18	22 40 51.77	16.30	10 24 2.7	1 44.6	0.942 0069	1895	0 59.0
	19	22 40 35.47	16.42	10 25 47.3	1 45.0	0.941 8174	1752	0 54.8
	20	22 40 19.05	16.54	10 27 32.3	1 45.4	0.941 6422	1607	0 50.6
	21	22 40 2.51	16.63	10 29 17.7	1 45.7	0.941 4815	1461	0 46.3
	22	22 39 45.88	16.73	10 31 3.4	1 45.9	0.941 3354	1314	0 42.1
	23	22 39 29.15	16.82	—10 32 49.3	1 46.1	0.941 2040	1165	0 37.9
	24	22 39 12.33	16.89	10 34 35.4	1 46.2	0.941 0875	1017	0 33.7
	25	22 38 55.44	16.96	10 36 21.6	1 46.3	0.940 9858	867	0 29.5
	26	22 38 38.48	17.01	10 38 7.9	1 46.3	0.940 8991	718	0 25.3
	27	22 38 21.47	17.07	10 39 54.2	1 46.3	0.940 8273	567	0 21.1
	28	22 38 4.40	17.10	10 41 40.5	1 46.2	0.940 7706	417	0 16.9
	29	22 37 47.30	17.13	—10 43 26.7	1 46.1	0.940 7289	266	0 12.7
	30	22 37 30.17	17.15	10 45 12.8	1 45.8	0.940 7023	114	0 8.4
	31	22 37 13.02	17.16	10 46 58.6	1 45.5	0.940 6909	36	0 4.2
Sept.	1	22 36 55.86	17.16	10 48 44.1	1 45.3	0.940 6945	188	{0 0.0 / 23 55.8}
	2	22 36 38.70	17.16	10 50 29.4	1 44.8	0.940 7133	339	23 51.6
	3	22 36 21.54		—10 52 14.2		0.940 7472		23 47.4

Tag	0h Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Obere Kulmination in Greenwich
1935	h m s	s	° ′ ″	′ ″			h m
Sept. 3	22 36 21.54	17.13	—10 52 14.2	1 44.5	0.940 7472	490	23 47.4
4	22 36 4.41	17.11	10 53 58.7	1 43.9	0.940 7962	640	23 43.1
5	22 35 47.30	17.07	10 55 42.6	1 43.4	0.940 8602	791	23 38.9
6	22 35 30.23	17.03	10 57 26.0	1 42.8	0.940 9393	941	23 34.7
7	22 35 13.20	16.98	10 59 8.8	1 42.1	0.941 0334	1090	23 30.5
8	22 34 56.22	16.91	11 0 50.9	1 41.4	0.941 1424	1239	23 26.3
9	22 34 39.31	16.83	—11 2 32.3	1 40.7	0.941 2663	1387	23 22.1
10	22 34 22.48	16.76	11 4 13.0	1 39.9	0.941 4050	1533	23 17.9
11	22 34 5.72	16.66	11 5 52.9	1 39.1	0.941 5583	1680	23 13.7
12	22 33 49.06	16.57	11 7 32.0	1 38.2	0.941 7263	1825	23 9.5
13	22 33 32.49	16.47	11 9 10.2	1 37.2	0.941 9088	1969	23 5.2
14	22 33 16.02	16.35	11 10 47.4	1 36.3	0.942 1057	2114	23 1.0
15	22 32 59.67	16.23	—11 12 23.7	1 35.3	0.942 3171	2257	22 56.8
16	22 32 43.44	16.10	11 13 59.0	1 34.2	0.942 5428	2400	22 52.6
17	22 32 27.34	15.96	11 15 33.2	1 33.0	0.942 7828	2541	22 48.5
18	22 32 11.38	15.82	11 17 6.2	1 31.9	0.943 0369	2683	22 44.3
19	22 31 55.56	15.65	11 18 38.1	1 30.6	0.943 3052	2822	22 40.1
20	22 31 39.91	15.50	11 20 8.7	1 29.5	0.943 5874	2961	22 35.9
21	22 31 24.41	15.32	—11 21 38.2	1 28.1	0.943 8835	3098	22 31.7
22	22 31 9.09	15.14	11 23 6.3	1 26.8	0.944 1933	3234	22 27.5
23	22 30 53.95	14.95	11 24 33.1	1 25.4	0.944 5167	3369	22 23.3
24	22 30 39.00	14.75	11 25 58.5	1 24.0	0.944 8536	3502	22 19.1
25	22 30 24.25	14.55	11 27 22.5	1 22.4	0.945 2038	3634	22 15.0
26	22 30 9.70	14.33	11 28 44.9	1 21.0	0.945 5672	3764	22 10.8
27	22 29 55.37	14.11	—11 30 5.9	1 19.3	0.945 9436	3893	22 6.7
28	22 29 41.26	13.88	11 31 25.2	1 17.8	0.946 3329	4020	22 2.5
29	22 29 27.38	13.64	11 32 43.0	1 16.1	0.946 7349	4145	21 58.3
30	22 29 13.74	13.40	11 33 59.1	1 14.4	0.947 1494	4269	21 54.2
Okt. 1	22 29 0.34	13.15	11 35 13.5	1 12.7	0.947 5763	4390	21 50.0
2	22 28 47.19	12.88	11 36 26.2	1 10.9	0.948 0153	4509	21 45.9
3	22 28 34.31	12.62	—11 37 37.1	1 9.2	0.948 4662	4626	21 41.7
4	22 28 21.69	12.34	11 38 46.3	1 7.4	0.948 9288	4741	21 37.6
5	22 28 9.35	12.06	11 39 53.7	1 5.5	0.949 4029	4853	21 33.5
6	22 27 57.29	11.78	11 40 59.2	1 3.6	0.949 8882	4964	21 29.3
7	22 27 45.51	11.49	11 42 2.8	1 1.7	0.950 3846	5072	21 25.2
8	22 27 34.02	11.19	11 43 4.5	0 59.7	0.950 8918	5178	21 21.1
9	22 27 22.83	10.88	—11 44 4.2	0 57.8	0.951 4096	5283	21 17.0
10	22 27 11.95	10.58	11 45 2.0	0 55.9	0.951 9379	5384	21 12.9
11	22 27 1.37	10.26	11 45 57.9	0 53.8	0.952 4763	5483	21 8.8
12	22 26 51.11	9.95	11 46 51.7	0 51.9	0.953 0246	5580	21 4.7
13	22 26 41.16	9.63	11 47 43.6	0 49.8	0.953 5826	5676	21 0.6
14	22 26 31.53		—11 48 33.4		0.954 1502		20 56.5

Saturn 1935

Tag	0h Welt-Zeit: Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Obere Kulmination in Greenwich
1935	h m s	s	° ′ ″	″			h m
Okt. 14	22 26 31.53	9.30	−11 48 33.4	47.7	0.954 1502	5769	20 56.5
15	22 26 22.23	8.97	11 49 21.1	45.6	0.954 7271	5859	20 52.4
16	22 26 13.26	8.64	11 50 6.7	43.6	0.955 3130	5948	20 48.3
17	22 26 4.62	8.29	11 50 50.3	41.4	0.955 9078	6034	20 44.3
18	22 25 56.33	7.95	11 51 31.7	39.3	0.956 5112	6119	20 40.2
19	22 25 48.38	7.60	11 52 11.0	37.1	0.957 1231	6201	20 36.2
20	22 25 40.78	7.24	−11 52 48.1	35.0	0.957 7432	6280	20 32.1
21	22 25 33.54	6.89	11 53 23.1	32.8	0.958 3712	6359	20 28.0
22	22 25 26.65	6.52	11 53 55.9	30.5	0.959 0071	6433	20 24.0
23	22 25 20.13	6.16	11 54 26.4	28.2	0.959 6504	6506	20 20.0
24	22 25 13.97	5.79	11 54 54.6	26.0	0.960 3010	6576	20 16.0
25	22 25 8.18	5.41	11 55 20.6	23.8	0.960 9586	6643	20 11.9
26	22 25 2.77	5.04	−11 55 44.4	21.5	0.961 6229	6708	20 7.9
27	22 24 57.73	4.66	11 56 5.9	19.2	0.962 2937	6769	20 3.9
28	22 24 53.07	4.28	11 56 25.1	16.9	0.962 9706	6829	19 59.9
29	22 24 48.79	3.89	11 56 42.0	14.6	0.963 6535	6885	19 55.9
30	22 24 44.90	3.50	11 56 56.6	12.3	0.964 3420	6939	19 51.9
31	22 24 41.40	3.11	11 57 8.9	9.9	0.965 0359	6991	19 47.9
Nov. 1	22 24 38.29	2.72	−11 57 18.8	7.6	0.965 7350	7039	19 43.9
2	22 24 35.57	2.33	11 57 26.4	5.2	0.966 4389	7086	19 40.0
3	22 24 33.24	1.94	11 57 31.6	3.0	0.967 1475	7129	19 36.0
4	22 24 31.30	1.54	11 57 34.6	0.6	0.967 8604	7170	19 32.0
5	22 24 29.76	1.14	11 57 35.2	1.7	0.968 5774	7209	19 28.1
6	22 24 28.62	0.75	11 57 33.5	3.9	0.969 2983	7244	19 24.1
7	22 24 27.87	0.36	−11 57 29.6	6.3	0.970 0227	7277	19 20.2
8	22 24 27.51	0.05	11 57 23.3	8.7	0.970 7504	7308	19 16.3
9	22 24 27.56	0.44	11 57 14.6	10.9	0.971 4812	7336	19 12.3
10	22 24 28.00	0.84	11 57 3.7	13.3	0.972 2148	7362	19 8.4
11	22 24 28.84	1.24	11 56 50.4	15.6	0.972 9510	7386	19 4.5
12	22 24 30.08	1.63	11 56 34.8	17.9	0.973 6896	7408	19 0.6
13	22 24 31.71	2.03	−11 56 16.9	20.2	0.974 4304	7427	18 56.7
14	22 24 33.74	2.43	11 55 56.7	22.5	0.975 1731	7445	18 52.8
15	22 24 36.17	2.82	11 55 34.2	24.8	0.975 9176	7460	18 48.9
16	22 24 38.99	3.22	11 55 9.4	27.1	0.976 6636	7473	18 45.1
17	22 24 42.21	3.62	11 54 42.3	29.4	0.977 4109	7484	18 41.2
18	22 24 45.83	4.01	11 54 12.9	31.6	0.978 1593	7492	18 37.3
19	22 24 49.84	4.40	−11 53 41.3	34.0	0.978 9085	7497	18 33.5
20	22 24 54.24	4.81	11 53 7.3	36.3	0.979 6582	7501	18 29.6
21	22 24 59.05	5.20	11 52 31.0	38.5	0.980 4083	7502	18 25.7
22	22 25 4.25	5.60	11 51 52.5	40.7	0.981 1585	7501	18 21.9
23	22 25 9.85	5.99	11 51 11.8	43.1	0.981 9086	7497	18 18.1
24	22 25 15.84		−11 50 28.7		0.982 6583		18 14.2

Tag		0h Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Obere Kulmination in Greenwich
1935		h m s	s	° ′ ″	′ ″			h m
Nov.	24	22 25 15.84	6.39	−11 50 28.7	0 45.3	0.982 6583	7491	18 14.2
	25	22 25 22.23	6.77	11 49 43.4	0 47.5	0.983 4074	7482	18 10.4
	26	22 25 29.00	7.16	11 48 55.9	0 49.8	0.984 1556	7472	18 6.6
	27	22 25 36.16	7.55	11 48 6.1	0 51.9	0.984 9028	7459	18 2.8
	28	22 25 43.71	7.94	11 47 14.2	0 54.2	0.985 6487	7443	17 59.0
	29	22 25 51.65	8.32	11 46 20.0	0 56.4	0.986 3930	7426	17 55.2
	30	22 25 59.97	8.69	−11 45 23.6	0 58.5	0.987 1356	7407	17 51.4
Dez.	1	22 26 8.66	9.07	11 44 25.1	1 0.7	0.987 8763	7385	17 47.6
	2	22 26 17.73	9.45	11 43 24.4	1 2.9	0.988 6148	7361	17 43.9
	3	22 26 27.18	9.83	11 42 21.5	1 4.9	0.989 3509	7336	17 40.1
	4	22 26 37.01	10.19	11 41 16.6	1 7.1	0.990 0845	7308	17 36.3
	5	22 26 47.20	10.55	11 40 9.5	1 9.1	0.990 8153	7278	17 32.6
	6	22 26 57.75	10.93	−11 39 0.4	1 11.2	0.991 5431	7246	17 28.8
	7	22 27 8.68	11.28	11 37 49.2	1 13.2	0.992 2677	7212	17 25.0
	8	22 27 19.96	11.64	11 36 36.0	1 15.3	0.992 9889	7178	17 21.3
	9	22 27 31.60	11.99	11 35 20.7	1 17.3	0.993 7067	7141	17 17.6
	10	22 27 43.59	12.34	11 34 3.4	1 19.3	0.994 4208	7103	17 13.9
	11	22 27 55.93	12.70	11 32 44.1	1 21.3	0.995 1311	7064	17 10.1
	12	22 28 8.63	13.03	−11 31 22.8	1 23.2	0.995 8375	7021	17 6.4
	13	22 28 21.66	13.38	11 29 59.6	1 25.2	0.996 5396	6978	17 2.7
	14	22 28 35.04	13.72	11 28 34.4	1 27.2	0.997 2374	6933	16 59.0
	15	22 28 48.76	14.05	11 27 7.2	1 29.0	0.997 9307	6887	16 55.3
	16	22 29 2.81	14.39	11 25 38.2	1 30.9	0.998 6194	6838	16 51.6
	17	22 29 17.20	14.72	11 24 7.3	1 32.9	0.999 3032	6788	16 47.9
	18	22 29 31.92	15.04	−11 22 34.4	1 34.7	0.999 9820	6737	16 44.2
	19	22 29 46.96	15.37	11 20 59.7	1 36.6	1.000 6557	6684	16 40.5
	20	22 30 2.33	15.69	11 19 23.1	1 38.4	1.001 3241	6629	16 36.9
	21	22 30 18.02	16.00	11 17 44.7	1 40.3	1.001 9870	6574	16 33.2
	22	22 30 34.02	16.32	11 16 4.4	1 42.0	1.002 6444	6516	16 29.5
	23	22 30 50.34	16.63	11 14 22.4	1 43.8	1.003 2960	6456	16 25.9
	24	22 31 6.97	16.93	−11 12 38.6	1 45.5	1.003 9416	6395	16 22.3
	25	22 31 23.90	17.24	11 10 53.1	1 47.2	1.004 5811	6332	16 18.6
	26	22 31 41.14	17.53	11 9 5.9	1 49.0	1.005 2143	6268	16 15.0
	27	22 31 58.67	17.83	11 7 16.9	1 50.7	1.005 8411	6201	16 11.3
	28	22 32 16.50	18.12	11 5 26.2	1 52.3	1.006 4612	6135	16 7.7
	29	22 32 34.62	18.41	11 3 33.9	1 54.0	1.007 0747	6065	16 4.1
	30	22 32 53.03	18.68	−11 1 39.9	1 55.6	1.007 6812	5996	16 0.4
	31	22 33 11.71	18.96	10 59 44.3	1 57.1	1.008 2808	5925	15 56.8
	32	22 33 30.67		−10 57 47.2		1.008 8733		15 53.2

Uranus 1935

Tag	0h Welt-Zeit						Obere Kulmination in Greenwich
	Scheinbare Rektaszension		Scheinbare Deklination		log Δ		
1935	h m s	s	° ′ ″	′ ″			h m
Jan. −2	1 43 0.45	5.25	+10 5 28.1	0 21.0	1.289 7724	1 4467	19 12.8
+2	42 55.20	2.09	5 7.1	0 3.1	291 2191	1 4735	18 57.0
6	42 53.11	1.10	5 4.0	0 15.0	292 6926	1 4921	18 41.2
10	42 54.21	4.28	5 19.0	0 33.2	294 1847	1 5026	18 25.5
14	42 58.49	7.45	5 52.2	0 51.1	295 6873	1 5053	18 9.9
18	1 43 5.94	10.59	+10 6 43.3	1 8.7	1.297 1926	1 5009	17 54.3
22	43 16.53	13.71	7 52.0	1 26.3	298 6935	1 4898	17 38.8
26	43 30.24	16.75	9 18.3	1 43.5	300 1833	1 4720	17 23.3
30	43 46.99	19.76	11 1.8	2 0.1	301 6553	1 4472	17 7.8
Febr. 3	44 6.75	22.70	13 1.9	2 16.5	303 1025	1 4151	16 52.4
7	1 44 29.45	25.52	+10 15 18.4	2 32.1	1.304 5176	1 3769	16 37.1
11	44 54.97	28.25	17 50.5	2 47.1	305 8945	1 3324	16 21.8
15	45 23.22	30.84	20 37.6	3 1.1	307 2269	1 2829	16 6.5
19	45 54.06	33.34	23 38.7	3 14.6	308 5098	1 2286	15 51.3
23	46 27.40	35.69	26 53.3	3 27.3	309 7384	1 1696	15 36.2
27	1 47 3.09	37.94	+10 30 20.6	3 39.2	1.310 9080	1 1059	15 21.0
März 3	47 41.03	40.04	33 59.8	3 50.2	312 0139	1 0376	15 6.0
7	48 21.07	41.99	37 50.0	4 0.3	313 0515	9651	14 50.9
11	49 3.06	43.77	41 50.3	4 9.3	314 0166	8894	14 35.9
15	49 46.83	45.40	45 59.6	4 17.6	314 9060	8111	14 20.8
19	1 50 32.23	46.85	+10 50 17.2	4 24.7	1.315 7171	7301	14 5.9
23	51 19.08	48.19	54 41.9	4 31.0	316 4472	6472	13 50.9
27	52 7.27	49.34	+10 59 12.9	4 36.3	317 0944	5618	13 36.0
31	52 56.61	50.34	+11 3 49.2	4 40.9	317 6562	4745	13 21.1
April 4	53 46.95	51.17	8 30.1	4 44.2	318 1307	3852	13 6.2
8	1 54 38.12	51.81	+11 13 14.3	4 46.6	1.318 5159	2953	12 51.3
12	55 29.93	52.28	18 0.9	4 47.9	318 8112	2050	12 36.5
16	56 22.21	52.59	22 48.8	4 48.6	319 0162	1146	12 21.6
20	57 14.80	52.72	27 37.4	4 48.2	319 1308	242	12 6.8
24	58 7.52	52.74	32 25.6	4 47.0	319 1550	662	11 51.9
28	1 59 0.26	52.55	+11 37 12.6	4 44.8	1.319 0888	1568	11 37.0
Mai 2	1 59 52.81	52.21	41 57.4	4 41.7	318 9320	2468	11 22.2
6	2 0 45.02	51.69	46 39.1	4 37.8	318 6852	3355	11 7.3
10	1 36.71	50.99	51 16.9	4 32.8	318 3497	4224	10 52.4
14	2 27.70	50.15	+11 55 49.7	4 27.4	317 9273	5076	10 37.6
18	2 3 17.85	49.15	+12 0 17.1	4 20.9	1.317 4197	5909	10 22.7
22	4 7.00	48.02	4 38.0	4 13.9	316 8288	6724	10 7.8
26	4 55.02	46.73	8 51.9	4 6.0	316 1564	7519	9 52.8
30	5 41.75	45.28	12 57.9	3 57.3	315 4045	8287	9 37.9
Juni 3	6 27.03	43.67	16 55.2	3 48.0	314 5758	9027	9 22.9
7	2 7 10.70	41.90	+12 20 43.2	3 37.8	1.313 6731	9729	9 7.9
11	7 52.60	40.02	24 21.0	3 27.1	312 7002	1 0394	8 52.8
15	8 32.62	38.02	27 48.1	3 16.0	311 6608	1 1024	8 37.8
19	9 10.64	35.90	31 4.1	3 4.1	310 5584	1 1613	8 22.7
23	9 46.54	33.64	34 8.2	2 51.8	309 3971	1 2168	8 7.5
27	10 20.18	31.26	37 0.0	2 38.8	308 1803	1 2680	7 52.4
Juli 1	2 10 51.44		+12 39 38.8		1.306 9123		7 37.2

Tag		0h Welt-Zeit: Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Obere Kulmination in Greenwich
1935		h m s	s	° ′ ″	′ ″			h m
Juli	1	2 10 51.44	28.76	+12 39 38.8	2 25.3	1.306 9123	1 3138	7 37.2
	5	11 20.20	26.16	42 4.1	2 11.4	305 5985	1 3544	7 21.9
	9	11 46.36	23.46	44 15.5	1 57.2	304 2441	1 3895	7 6.6
	13	12 9.82	20.71	46 12.7	1 42.5	302 8546	1 4192	6 51.3
	17	12 30.53	17.88	47 55.2	1 27.7	301 4354	1 4433	6 35.9
	21	2 12 48.41	14.98	+12 49 22.9	1 12.5	1.299 9921	1 4622	6 20.5
	25	13 3.39	12.01	50 35.4	0 57.1	298 5299	1 4750	6 5.0
	29	13 15.40	8.97	51 32.5	0 41.4	297 0549	1 4809	5 49.4
Aug.	2	13 24.37	5.92	52 13.9	0 25.6	295 5740	1 4801	5 33.9
	6	13 30.29	2.87	52 39.5	0 10.0	294 0939	1 4723	5 18.2
	10	2 13 33.16	0.19	+12 52 49.5	0 5.9	1.292 6216	1 4577	5 2.5
	14	13 32.97	3.23	52 43.6	0 21.2	291 1639	1 4365	4 46.8
	18	13 29.74	6.23	52 22.4	0 36.7	289 7274	1 4091	4 31.0
	22	13 23.51	9.24	51 45.7	0 52.1	288 3183	1 3747	4 15.2
	26	13 14.27	12.17	50 53.6	1 7.1	286 9436	1 3326	3 59.3
	30	2 13 2.10	15.03	+12 49 46.5	1 21.7	1.285 6110	1 2833	3 43.4
Sept.	3	12 47.07	17.79	48 24.8	1 35.7	284 3277	1 2268	3 27.4
	7	12 29.28	20.43	46 49.1	1 49.2	283 1009	1 1638	3 11.4
	11	12 8.85	22.93	44 59.9	2 2.0	281 9371	1 0950	2 55.3
	15	11 45.92	25.30	42 57.9	2 14.2	280 8421	1 0202	2 39.2
	19	2 11 20.62	27.53	+12 40 43.7	2 25.6	1.279 8219	9389	2 23.1
	23	10 53.09	29.59	38 18.1	2 36.2	278 8830	8522	2 6.9
	27	10 23.50	31.44	35 41.9	2 45.7	278 0308	7595	1 50.6
Okt.	1	9 52.06	33.10	32 56.2	2 54.1	277 2713	6618	1 34.4
	5	9 18.96	34.49	30 2.1	3 1.3	276 6095	5601	1 18.1
	9	2 8 44.47	35.69	+12 27 0.8	3 7.4	1.276 0494	4555	1 1.8
	13	8 8.78	36.62	23 53.4	3 12.4	275 5939	3481	0 45.5
	17	7 32.16	37.35	20 41.0	3 16.0	275 2458	2375	0 29.2
	21	6 54.81	37.81	17 25.0	3 18.4	275 0083	1251	0 12.8
	25	6 17.00	38.01	14 6.6	3 19.2	274 8832	112	23 52.4
	29	2 5 38.99	37.93	+12 10 47.4	3 18.7	1.274 8720	1031	23 36.0
Nov.	2	5 1.06	37.56	7 28.7	3 16.7	274 9751	2169	23 19.7
	6	4 23.50	36.95	4 12.0	3 13.3	275 1920	3290	23 3.3
	10	3 46.55	36.07	+12 0 58.7	3 8.6	275 5210	4391	22 47.0
	14	3 10.48	34.99	+11 57 50.1	3 2.6	275 9601	5471	22 30.7
	18	2 2 35.49	33.63	+11 54 47.5	2 55.3	1.276 5072	6520	22 14.4
	22	2 1.86	32.04	51 52.2	2 46.5	277 1592	7537	21 58.1
	26	1 29.82	30.22	49 5.7	2 36.6	277 9129	8508	21 41.8
	30	0 59.60	28.15	46 29.1	2 25.3	278 7637	9423	21 25.6
Dez.	4	0 31.45	25.92	44 3.8	2 13.1	279 7060	1 0277	21 9.4
	8	2 0 5.53	23.51	+11 41 50.7	2 0.1	1.280 7337	1 1070	20 53.3
	12	1 59 42.02	20.95	39 50.6	1 46.1	281 8407	1 1803	20 37.2
	16	59 21.07	18.25	38 4.5	1 31.2	283 0210	1 2470	20 21.1
	20	59 2.82	15.39	36 33.3	1 15.6	284 2680	1 3067	20 5.1
	24	58 47.43	12.44	35 17.7	0 59.4	285 5747	1 3591	19 49.1
	28	58 34.99	9.37	34 18.3	0 42.6	286 9338	1 4032	19 33.2
	32	1 58 25.62		+11 33 35.7		1.288 3370		19 17.3

Neptun 1935

Tag		0h Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Obere Kulmination in Greenwich
1935		h m s	s	° ′ ″	′ ″			h m
Jan.	−2	11 4 33.12	6.52	+6 57 32.4	0 51.2	1.474 3389	9245	4 36.7
	+2	4 26.60	8.47	58 23.6	1 2.9	473 4144	8951	4 20.9
	6	4 18.13	10.35	+6 59 26.5	1 14.5	472 5193	8603	4 5.0
	10	4 7.78	12.15	+7 0 41.0	1 25.2	471 6590	8208	3 49.1
	14	3 55.63	13.86	2 6.2	1 35.6	470 8382	7769	3 33.2
	18	11 3 41.77	15.48	+7 3 41.8	1 45.2	1.470 0613	7290	3 17.2
	22	3 26.29	16.99	5 27.0	1 54.1	469 3323	6774	3 1.3
	26	3 9.30	18.40	7 21.1	2 2.5	468 6549	6220	2 45.3
	30	2 50.90	19.71	9 23.6	2 10.0	468 0329	5626	2 29.2
Febr.	3	2 31.19	20.88	11 33.6	2 16.7	467 4703	5003	2 13.2
	7	11 2 10.31	21.89	+7 13 50.3	2 22.5	1.466 9700	4346	1 57.1
	11	1 48.42	22.76	16 12.8	2 27.0	466 5354	3669	1 41.0
	15	1 25.66	23.48	18 39.8	2 30.8	466 1685	2977	1 24.9
	19	1 2.18	24.05	21 10.6	2 33.7	465 8708	2270	1 8.8
	23	0 38.13	24.49	23 44.3	2 35.7	465 6438	1550	0 52.6
	27	11 0 13.64	24.74	+7 26 20.0	2 36.6	1.465 4888	822	0 36.5
März	3	10 59 48.90	24.85	28 56.6	2 36.4	465 4066	89	0 20.4
	7	59 24.05	24.79	31 33.0	2 35.3	465 3977	645	0 4.2
	11	58 59.26	24.55	34 8.3	2 33.1	465 4622	1371	23 44.1
	15	58 34.71	24.16	36 41.4	2 30.0	465 5993	2080	23 28.0
	19	10 58 10.55	23.64	+7 39 11.4	2 26.0	1.465 8073	2776	23 11.8
	23	57 46.91	22.97	41 37.4	2 21.2	466 0849	3456	22 55.7
	27	57 23.94	22.15	43 58.6	2 15.4	466 4305	4116	22 39.6
	31	57 1.79	21.19	46 14.0	2 9.0	466 8421	4754	22 23.5
April	4	56 40.60	20.11	48 23.0	2 1.6	467 3175	5363	22 7.4
	8	10 56 20.49	18.88	+7 50 24.6	1 53.4	1.467 8538	5937	21 51.4
	12	56 1.61	17.56	52 18.0	1 44.8	468 4475	6474	21 35.3
	16	55 44.05	16.12	54 2.8	1 35.5	469 0949	6975	21 19.3
	20	55 27.93	14.60	55 38.3	1 25.8	469 7924	7437	21 3.3
	24	55 13.33	13.01	57 4.1	1 15.5	470 5361	7864	20 47.4
	28	10 55 0.32	11.32	+7 58 19.6	1 4.8	1.471 3225	8249	20 31.5
Mai	2	54 49.00	9.56	+7 59 24.4	0 53.6	472 1474	8593	20 15.5
	6	54 39.44	7.74	+8 0 18.0	0 42.1	473 0067	8889	19 59.7
	10	54 31.70	5.87	1 0.1	0 30.6	473 8956	9136	19 43.8
	14	54 25.83	3.99	1 30.7	0 18.8	474 8092	9338	19 28.0
	18	10 54 21.84	2.07	+8 1 49.5	0 6.9	1.475 7430	9496	19 12.2
	22	54 19.77	0.15	1 56.4	0 5.0	476 6926	9615	18 56.4
	26	54 19.62	1.80	1 51.4	0 17.0	477 6541	9689	18 40.7
	30	54 21.42	3.76	1 34.4	0 29.0	478 6230	9714	18 25.0
Juni	3	54 25.18	5.69	1 5.4	0 41.0	479 5944	9697	18 9.4
	7	10 54 30.87	7.63	+8 0 24.4	0 52.6	1.480 5641	9633	17 53.7
	11	54 38.50	9.51	+7 59 31.8	1 4.1	481 5274	9530	17 38.1
	15	54 48.01	11.36	58 27.7	1 15.4	482 4804	9382	17 22.6
	19	54 59.37	13.16	57 12.3	1 26.4	483 4186	9200	17 7.1
	23	55 12.53	14.95	55 45.9	1 37.1	484 3386	8982	16 51.5
	27	55 27.48	16.67	54 8.8	1 47.6	485 2368	8724	16 36.1
Juli	1	10 55 44.15		+7 52 21.2		1.486 1092		16 20.6

Tag		Scheinbare Rektaszension (0h Welt-Zeit)		Scheinbare Deklination (0h Welt-Zeit)		log Δ (0h Welt-Zeit)		Obere Kulmination in Greenwich
1935		h m s	s	° ′ ″	′ ″			h m
Juli	1	10 55 44.15	18.34	+7 52 21.2	1 57.6	1.486 1092	8429	16 20.6
	5	56 2.49	19.94	50 23.6	2 7.3	486 9521	8096	16 5.2
	9	56 22.43	21.44	48 16.3	2 16.3	487 7617	7733	15 49.8
	13	56 43.87	22.90	46 0.0	2 25.0	488 5350	7342	15 34.5
	17	57 6.77	24.24	43 35.0	2 32.9	489 2692	6924	15 19.1
	21	10 57 31.01	25.54	+7 41 2.1	2 40.8	1.489 9616	6480	15 3.8
	25	57 56.55	26.73	38 21.3	2 47.8	490 6096	6008	14 48.5
	29	58 23.28	27.84	35 33.5	2 54.3	491 2104	5511	14 33.2
Aug.	2	58 51.12	28.86	32 39.2	3 0.4	491 7615	4993	14 17.9
	6	59 19.98	29.76	29 38.8	3 5.7	492 2608	4450	14 2.7
	10	10 59 49.74	30.55	+7 26 33.1	3 10.1	1.492 7058	3897	13 47.5
	14	11 0 20.29	31.24	23 23.0	3 14.3	493 0955	3330	13 32.2
	18	0 51.53	31.85	20 8.7	3 17.7	493 4285	2749	13 17.0
	22	1 23.38	32.35	16 51.0	3 20.3	493 7034	2155	13 1.8
	26	1 55.73	32.72	13 30.7	3 22.4	493 9189	1548	12 46.7
	30	11 2 28.45	32.98	+7 10 8.3	3 23.7	1.494 0737	932	12 31.5
Sept.	3	3 1.43	33.15	6 44.6	3 24.2	494 1669	313	12 16.3
	7	3 34.58	33.15	+7 3 20.4	3 24.1	494 1982	304	12 1.1
	11	4 7.73	33.09	+6 59 56.3	3 23.1	494 1678	924	11 45.9
	15	4 40.82	32.89	56 33.2	3 21.7	494 0754	1540	11 30.7
	19	11 5 13.71	32.59	+6 53 11.5	3 19.5	1.493 9214	2157	11 15.5
	23	5 46.30	32.19	49 52.0	3 16.6	493 7057	2767	11 0.4
	27	6 18.49	31.63	46 35.4	3 12.7	493 4290	3373	10 45.2
Okt.	1	6 50.12	30.97	43 22.7	3 8.3	493 0917	3961	10 30.0
	5	7 21.09	30.21	40 14.4	3 3.0	492 6956	4539	10 14.8
	9	11 7 51.30	29.31	+6 37 11.4	2 57.1	1.492 2417	5097	9 59.5
	13	8 20.61	28.35	34 14.3	2 50.7	491 7320	5636	9 44.3
	17	8 48.96	27.26	31 23.6	2 43.5	491 1684	6159	9 29.0
	21	9 16.22	26.06	28 40.1	2 35.7	490 5525	6659	9 13.7
	25	9 42.28	24.76	26 4.4	2 27.2	489 8866	7134	8 58.4
	29	11 10 7.04	23.36	+6 23 37.2	2 18.0	1.489 1732	7583	8 43.1
Nov.	2	10 30.40	21.87	21 19.2	2 8.3	488 4149	7995	8 27.8
	6	10 52.27	20.29	19 10.9	1 58.1	487 6154	8371	8 12.4
	10	11 12.56	18.63	17 12.8	1 47.4	486 7783	8715	7 57.0
	14	11 31.19	16.92	15 25.4	1 36.3	485 9068	9026	7 41.6
	18	11 11 48.11	15.11	+6 13 49.1	1 24.9	1.485 0042	9298	7 26.2
	22	12 3.22	13.25	12 24.2	1 12.7	484 0744	9526	7 10.7
	26	12 16.47	11.33	11 11.5	1 0.5	483 1218	9711	6 55.1
	30	12 27.80	9.35	10 11.0	0 47.9	482 1507	9847	6 39.6
Dez.	4	12 37.15	7.36	9 23.1	0 35.2	481 1660	9937	6 24.0
	8	11 12 44.51	5.34	+6 8 47.9	0 22.4	1.480 1723	9978	6 8.4
	12	12 49.85	3.31	8 25.5	0 9.7	479 1745	9975	5 52.8
	16	12 53.16	1.25	8 15.8	0 3.3	478 1770	9926	5 37.1
	20	12 54.41	0.78	8 19.1	0 16.3	477 1844	9821	5 21.4
	24	12 53.63	2.82	8 35.4	0 28.9	476 2023	9667	5 5.7
	28	12 50.81	4.85	9 4.3	0 41.6	475 2356	9460	4 49.9
	32	11 12 45.96		+6 9 45.9		1.474 2896		4 34.1

Pluto 1935

Tag	0h Welt-Zeit									Obere Kulmination in Greenwich
	Rektaszension 1925.0		Fixstern-aberration	Deklination 1925.0		Fixstern-aberration	log Δ		Lichtzeit	
1935	h m s	s	s	° ′ ″	″	″			d	h m
Jan. −3	7 50 5.21	20.95	+1.37	+22 47 19.9	74.0	−3.8	1.593 2923	2642	0.2262	1 27
+1	49 44.26	21.48	1.40	48 33.9	74.4	3.8	593 0281	2112	2260	1 11
5	49 22.78	21.89	1.42	49 48.3	74.5	3.8	592 8169	1569	2259	0 55
9	49 0.89	22.14	1.44	51 2.8	74.1	3.8	592 6600	1020	2259	0 39
13	48 38.75	22.26	1.45	52 16.9	73.4	3.8	592 5580	467	2258	0 23
17	7 48 16.49	22.24	+1.46	+22 53 30.3	72.4	−3.7	1.592 5113	$\overline{83}$	0.2258	0 7
21	47 54.25	22.10	1.45	54 42.7	71.0	3.7	592 5196	630	2258	23 47
25	47 32.15	21.81	1.44	55 53.7	69.3	3.6	592 5826	1172	2258	23 31
29	47 10.34	21.39	1.42	57 3.0	67.3	3.5	592 6998	1709	2259	23 15
Febr. 2	46 48.95	20.84	1.39	58 10.3	64.9	3.3	592 8707	2235	2260	22 59
6	7 46 28.11	20.14	+1.36	+22 59 15.2	62.2	−3.2	1.593 0942	2744	0.2261	22 42
10	46 7.97	19.33	1.32	+23 0 17.4	59.3	3.0	593 3686	3234	2262	22 26
14	45 48.64	18.40	1.27	1 16.7	56.1	2.8	593 6920	3700	2264	22 10
18	45 30.24	17.37	1.21	2 12.8	52.7	2.7	594 0620	4142	2266	21 54
22	45 12.87	16.23	1.15	3 5.5	49.2	2.5	594 4762	4562	2268	21 38
26	7 44 56.64	15.00	+1.09	+23 3 54.7	45.4	−2.3	1.594 9324	4958	0.2270	21 22
März 2	44 41.64	13.67	1.01	4 40.1	41.5	2.0	595 4282	5325	2273	21 6
6	44 27.97	12.26	0.94	5 21.6	37.4	1.8	595 9607	5659	2276	20 50
10	44 15.71	10.77	0.85	5 59.0	33.2	1.6	596 5266	5960	2279	20 34
14	44 4.94	9.22	0.77	6 32.2	29.0	1.4	597 1226	6225	2282	20 19
18	7 43 55.72	7.63	+0.68	+23 7 1.2	24.7	−1.1	1.597 7451	6456	0.2285	20 3
22	43 48.09	6.01	0.59	7 25.9	20.3	0.9	598 3907	6654	2288	19 47
26	43 42.08	4.34	0.49	7 46.2	16.0	0.6	599 0561	6818	2292	19 31
30	43 37.74	2.63	0.40	8 2.2	11.6	0.4	599 7379	6948	2295	19 15
April 3	43 35.11	0.90	0.30	8 13.8	7.2	−0.1	600 4327	7041	2299	19 0
7	7 43 34.21	$\overline{0.82}$	+0.20	+23 8 21.0	2.9	+0.1	1.601 1368	7095	0.2303	18 44
11	43 35.03	2.55	0.10	8 23.9	$\overline{1.4}$	0.4	601 8463	7114	2307	18 28
15	43 37.58	4.27	0.00	8 22.5	5.5	0.6	602 5577	7099	2310	18 12
19	43 41.85	5.96	−0.10	8 17.0	9.7	0.9	603 2676	7050	2314	17 57
23	43 47.81	7.63	0.20	8 7.3	13.7	1.1	603 9726	6971	2318	17 41
27	7 43 55.44	9.28	−0.29	+23 7 53.6	17.6	+1.4	1.604 6697	6858	0.2322	17 25
Mai 1	44 4.72	10.90	0.39	7 36.0	21.4	1.6	605 3555	6715	2325	17 10
5	44 15.62	12.47	0.48	7 14.6	25.1	1.8	606 0270	6539	2329	16 54
9	44 28.09	13.99	0.57	6 49.5	28.5	2.0	606 6809	6332	2332	16 39
13	44 42.08	15.44	0.66	6 21.0	31.9	2.2	607 3141	6097	2336	16 23
17	7 44 57.52	16.82	−0.75	+23 5 49.1	35.1	+2.4	1.607 9238	5839	0.2339	16 8
21	45 14.34	18.15	0.83	5 14.0	38.1	2.6	608 5077	5558	2343	15 52
25	45 32.49	19.43	0.90	4 35.9	40.9	2.8	609 0635	5254	2346	15 37
29	45 51.92	20.62	0.98	3 55.0	43.6	2.9	609 5889	4924	2349	15 22
Juni 2	46 12.54	21.73	1.05	3 11.4	46.0	3.1	610 0813	4574	2352	15 6
6	7 46 34.27	22.75	−1.11	+23 2 25.4	48.2	+3.2	1.610 5387	4202	0.2354	14 51
10	46 57.02	23.69	1.17	1 37.2	50.2	3.4	610 9589	3814	2356	14 35
14	47 20.71	24.54	1.22	+23 0 47.0	52.0	3.5	611 3403	3413	2358	14 20
18	47 45.25	25.30	1.27	+22 59 55.0	53.5	3.6	611 6816	3000	2360	14 5
22	48 10.55	25.98	1.31	59 1.5	54.9	3.6	611 9816	2574	2361	13 50
26	48 36.53	26.55	1.35	58 6.6	55.9	3.7	612 2390	2134	2363	13 34
30	7 49 3.08		−1.38	+22 57 10.7		+3.8	1.612 4524		0.2364	13 19

Pluto 1935

Tag		0h Welt-Zeit: Rektaszension 1925.0	Diff.	Fixstern-aberration	Deklination 1925.0	Diff.	Fixstern-aberration	log Δ	Diff.	Lichtzeit	Obere Kulmination in Greenwich
1935		h m s	s	s	° ′ ″	″	″			d	h m
Juni	30	7 49 3.08	27.04	−1.38	+22 57 10.7	56.8	+3.8	1.612 4524	1681	0.2364	13 19
Juli	4	49 30.12	27.43	1.41	56 13.9	57.4	3.8	612 6205	1224	2365	13 4
	8	49 57.55	27.71	1.43	55 16.5	57.7	3.8	612 7429	761	2365	12 48
	12	50 25.26	27.89	1.44	54 18.8	57.6	3.8	612 8190	297	2365	12 33
	16	50 53.15	27.98	1.45	53 21.2	57.5	3.8	612 8487	171	2366	12 18
	20	7 51 21.13	27.97	−1.45	+22 52 23.7	57.0	+3.8	1.612 8316	640	0.2366	12 2
	24	51 49.10	27.87	1.45	51 26.7	56.3	3.8	612 7676	1109	2366	11 47
	28	52 16.97	27.65	1.44	50 30.4	55.3	3.7	612 6567	1577	2365	11 32
Aug.	1	52 44.62	27.34	1.42	49 35.1	54.0	3.6	612 4990	2041	2364	11 17
	5	53 11.96	26.92	1.40	48 41.1	52.5	3.6	612 2949	2499	2363	11 1
	9	7 53 38.88	26.41	−1.37	+22 47 48.6	50.6	+3.5	1.612 0450	2946	0.2362	10 46
	13	54 5.29	25.82	1.34	46 58.0	48.5	3.3	611 7504	3382	2360	10 31
	17	54 31.11	25.12	1.30	46 9.5	46.2	3.2	611 4122	3809	2358	10 16
	21	54 56.23	24.34	1.25	45 23.3	43.6	3.1	611 0313	4224	2356	10 0
	25	55 20.57	23.45	1.20	44 39.7	40.8	2.9	610 6089	4628	2354	9 45
	29	7 55 44.02	22.48	−1.15	+22 43 58.9	37.7	+2.7	1.610 1461	5015	0.2352	9 30
Sept.	2	56 6.50	21.41	1.09	43 21.2	34.3	2.5	609 6446	5381	2349	9 14
	6	56 27.91	20.27	1.02	42 46.9	30.7	2.3	609 1065	5726	2346	8 59
	10	56 48.18	19.05	0.95	42 16.2	26.9	2.1	608 5339	6049	2343	8 44
	14	57 7.23	17.76	0.88	41 49.3	23.0	1.9	607 9290	6350	2340	8 28
	18	7 57 24.99	16.40	−0.80	+22 41 26.3	18.8	+1.6	1.607 2940	6628	0.2336	8 13
	22	57 41.39	14.97	0.71	41 7.5	14.5	1.4	606 6312	6881	2333	7 57
	26	57 56.36	13.48	0.63	40 53.0	10.0	1.1	605 9431	7105	2329	7 42
	30	58 9.84	11.93	0.54	40 43.0	5.3	0.8	605 2326	7299	2325	7 26
Okt.	4	58 21.77	10.32	0.44	40 37.7	0.5	0.6	604 5027	7461	2321	7 11
	8	7 58 32.09	8.68	−0.35	+22 40 37.2	4.2	+0.3	1.603 7566	7590	0.2317	6 55
	12	58 40.77	7.00	0.25	40 41.4	9.1	0.0	602 9976	7689	2313	6 40
	16	58 47.77	5.31	0.15	40 50.5	13.9	−0.3	602 2287	7754	2309	6 24
	20	58 53.08	3.58	−0.05	41 4.4	18.9	0.6	601 4533	7786	2305	6 8
	24	58 56.66	1.83	+0.05	41 23.3	23.9	0.9	600 6747	7780	2301	5 53
	28	7 58 58.49	0.08	+0.15	+22 41 47.2	28.9	−1.2	1.599 8967	7736	0.2297	5 37
Nov.	1	58 58.57	1.67	0.25	42 16.1	33.6	1.4	599 1231	7655	2293	5 21
	5	58 56.90	3.40	0.35	42 49.7	38.3	1.7	598 3576	7538	2289	5 6
	9	58 53.50	5.10	0.44	43 28.0	42.8	2.0	597 6038	7384	2285	4 50
	13	58 48.40	6.78	0.54	44 10.8	47.2	2.2	596 8654	7195	2281	4 34
	17	7 58 41.62	8.42	+0.64	+22 44 58.0	51.4	−2.5	1.596 1459	6971	0.2277	4 18
	21	58 33.20	10.01	0.73	45 49.4	55.5	2.7	595 4488	6711	2273	4 2
	25	58 23.19	11.55	0.81	46 44.9	59.2	2.9	594 7777	6415	2269	3 46
	29	58 11.64	13.01	0.90	47 44.1	62.7	3.1	594 1362	6083	2266	3 30
Dez.	3	57 58.63	14.39	0.98	48 46.8	65.9	3.3	593 5279	5719	2263	3 14
	7	7 57 44.24	15.68	+1.05	+22 49 52.7	68.7	−3.4	1.592 9560	5327	0.2260	2 58
	11	57 28.56	16.88	1.12	51 1.4	71.1	3.6	592 4233	4909	2257	2 42
	15	57 11.68	17.99	1.19	52 12.5	73.3	3.7	591 9324	4465	2255	2 26
	19	56 53.69	18.98	1.24	53 25.8	75.1	3.8	591 4859	3996	2252	2 10
	23	56 34.71	19.86	1.29	54 40.9	76.5	3.9	591 0863	3505	2250	1 54
	27	56 14.85	20.62	1.34	55 57.4	77.5	4.0	590 7358	2991	2248	1 38
	31	7 55 54.23		+1.38	+22 57 14.9		−4.0	1.590 4367		0.2247	1 22

0h Welt-Zeit	Mittleres Äquinoktium 1925.0											
	X			*ΔX**)	*Y*			*ΔY**)	*Z*			*ΔZ**)
1935												
Jan. 0	+0.145 126	+17279	− 43	+2	−0.892 233	+ 2517	+279	+3	−0.386 990	+1092	+121	−3
1	0.162 405	17230	49	+1	0.889 716	2795	278	+2	0.385 898	1212	120	−5
2	0.179 635	17174	56	−3	0.886 921	3072	277	+2	0.384 686	1333	121	0
3	0.196 809	17114	60	+2	0.883 849	3349	277	+4	0.383 353	1453	120	−1
4	0.213 923	17048	66	+1	0.880 500	3625	276	+1	0.381 900	1572	119	−1
5	0.230 971	16975	73	−4	0.876 875	3899	274	−5	0.380 328	1692	120	+5
6	+0.247 946	+16897	− 78	−2	−0.872 976	+ 4172	+273	−4	−0.378 636	+1811	+119	+2
7	0.264 843	16814	83	0	0.868 804	4444	272	0	0.376 825	1928	117	−5
8	0.281 657	16724	90	−3	0.864 360	4714	270	0	0.374 897	2045	117	−5
9	0.298 381	16630	94	+2	0.859 646	4982	268	−2	0.372 852	2161	116	−3
10	0.315 011	16530	100	0	0.854 664	5248	266	−3	0.370 691	2277	116	+1
11	0.331 541	16426	104	+2	0.849 416	5512	264	−1	0.368 414	2391	114	−3
12	+0.347 967	+16315	−111	−4	−0.843 904	+ 5774	+262	+1	−0.366 023	+2504	+113	−2
13	0.364 282	16201	114	+1	0.838 130	6034	260	+4	0.363 519	2617	113	+3
14	0.380 483	16081	120	0	0.832 096	6292	258	+4	0.360 902	2729	112	+2
15	0.396 564	15958	123	+4	0.825 804	6547	255	+1	0.358 173	2839	110	−2
16	0.412 522	15828	130	−3	0.819 257	6801	254	+5	0.355 334	2949	110	+1
17	0.428 350	15696	132	+3	0.812 456	7052	251	+1	0.352 385	3058	109	+2
18	+0.444 046	+15557	−139	−2	−0.805 404	+ 7301	+249	−1	−0.349 327	+3166	+108	+1
19	0.459 603	15416	141	+4	0.798 103	7547	246	−4	0.346 161	3273	107	0
20	0.475 019	15269	147	−2	0.790 556	7792	245	0	0.342 888	3379	106	−1
21	0.490 288	15117	152	−5	0.782 764	8034	242	−1	0.339 509	3484	105	−3
22	0.505 405	14962	155	0	0.774 730	8274	240	−2	0.336 025	3588	104	−4
23	0.520 367	14802	160	−2	0.766 456	8511	237	−5	0.332 437	3691	103	−5
24	+0.535 169	+14637	−165	−5	−0.757 945	+ 8745	+234	−5	−0.328 746	+3792	+101	−5
25	0.549 806	14468	169	−4	0.749 200	8978	233	+3	0.324 954	3894	102	+4
26	0.564 274	14294	174	−4	0.740 222	9208	230	+5	0.321 060	3994	100	+1
27	0.578 568	14117	177	+1	0.731 014	9436	228	+5	0.317 066	4092	98	−3
28	0.592 685	13934	183	−2	0.721 578	9659	223	−4	0.312 974	4190	98	0
29	0.606 619	13748	186	+2	0.711 919	9881	222	+2	0.308 784	4286	96	−2
30	+0.620 367	+13556	−192	−2	−0.702 038	+10100	+219	+4	−0.304 498	+4381	+ 95	−3
31	0.633 923	13361	195	+1	0.691 938	10316	216	+2	0.300 117	4474	93	−3
Febr. 1	0.647 284	13160	201	−5	0.681 622	10527	211	−4	0.295 643	4567	93	+4
2	0.660 444	12955	205	−3	0.671 095	10737	210	+5	0.291 076	4658	91	+5
3	0.673 399	12746	209	0	0.660 358	10943	206	+4	0.286 418	4747	89	+1
4	0.686 145	12533	213	+1	0.649 415	11144	201	−1	0.281 671	4834	87	−2
5	+0.698 678	+12316	−217	0	−0.638 271	+11342	+198	+1	−0.276 837	+4920	+ 86	0
6	0.710 994	12094	222	−4	0.626 929	11536	194	+1	0.271 917	5004	84	−2
7	0.723 088	11870	224	0	0.615 393	11725	189	−1	0.266 913	5086	82	−3
8	0.734 958	11641	229	−4	0.603 668	11912	187	+4	0.261 827	5166	80	−3
9	0.746 599	+11410	231	0	0.591 756	+12092	180	−4	0.256 661	+5245	79	+1
10	+0.758 009		−235	−2	−0.579 664		+178	+3	−0.251 416		+ 77	0

*) *ΔX*, *ΔY*, *ΔZ* sind in Einheiten der 7. Dezimale gegeben.

0^h Welt-Zeit	Mittleres Äquinoktium 1925.0											
	X			ΔX*)	Y			ΔY*)	Z			ΔZ*)
1935												
Febr. 10	+0.758 009	+11 175	−235	−2	−0.579 664	+12 270	+178	+3	−0.251 416	+5 322	+77	0
11	0.769 184	10 938	237	+1	0.567 394	12 444	174	+5	0.246 094	5 397	75	−3
12	0.780 122	10 697	241	−2	0.554 950	12 613	169	+2	0.240 697	5 470	73	−5
13	0.790 819	10 454	243	0	0.542 337	12 779	166	+3	0.235 227	5 541	71	−5
14	0.801 273	10 208	246	0	0.529 558	12 939	160	−3	0.229 686	5 612	71	+3
15	0.811 481	9 959	249	−1	0.516 619	13 097	158	+4	0.224 074	5 680	68	+1
16	+0.821 440	+ 9 708	−251	+1	−0.503 522	+13 251	+154	+4	−0.218 394	+5 746	+66	0
17	0.831 148	9 454	254	−2	0.490 271	13 400	149	−2	0.212 648	5 811	65	+3
18	0.840 602	9 197	257	−4	0.476 871	13 545	145	−3	0.206 837	5 875	64	+4
19	0.849 799	8 938	259	0	0.463 326	13 686	141	−1	0.200 962	5 936	61	−2
20	0.858 737	8 677	261	+4	0.449 640	13 824	138	+4	0.195 026	5 995	59	−5
21	0.867 414	8 413	264	+4	0.435 816	13 957	133	+1	0.189 031	6 053	58	−2
22	+0.875 827	+ 8 147	−266	+5	−0.421 859	+14 086	+129	+1	−0.182 978	+6 109	+56	0
23	0.883 974	7 878	269	+3	0.407 773	14 211	125	+2	0.176 869	6 164	55	+4
24	0.891 852	7 608	270	+5	0.393 562	14 333	122	+4	0.170 705	6 217	53	+2
25	0.899 460	7 334	274	−3	0.379 229	14 449	116	−4	0.164 488	6 267	50	−5
26	0.906 794	7 058	276	−4	0.364 780	14 561	112	−5	0.158 221	6 316	49	−2
27	0.913 852	6 781	277	0	0.350 219	14 669	108	−1	0.151 905	6 363	47	+1
28	+0.920 633	+ 6 500	−281	−5	−0.335 550	+14 774	+105	+4	−0.145 542	+6 408	+45	+2
März 1	0.927 133	6 217	283	−4	0.320 776	14 872	98	−4	0.139 134	6 452	44	+4
2	0.933 350	5 934	283	+3	0.305 904	14 967	95	+1	0.132 682	6 492	40	−3
3	0.939 284	5 647	287	−3	0.290 937	15 057	90	0	0.126 190	6 531	39	0
4	0.944 931	5 358	289	−4	0.275 880	15 141	84	−5	0.119 659	6 568	37	0
5	0.950 289	5 068	290	0	0.260 739	15 221	80	−3	0.113 091	6 602	34	−2
6	+0.955 357	+ 4 778	−290	+4	−0.245 518	+15 295	+ 74	−4	−0.106 489	+6 634	+32	0
7	0.960 135	4 485	293	−3	0.230 223	15 365	70	0	0.099 855	6 665	31	+4
8	0.964 620	4 191	294	−5	0.214 858	15 429	64	−3	0.093 190	6 692	27	−2
9	0.968 811	3 897	294	−2	0.199 429	15 489	60	0	0.086 498	6 717	25	−2
10	0.972 708	3 602	295	−2	0.183 940	15 542	53	−4	0.079 781	6 741	24	+4
11	0.976 310	3 307	295	+1	0.168 398	15 593	51	+4	0.073 040	6 763	22	+5
12	+0.979 617	+ 3 012	−295	+2	−0.152 805	+15 637	+ 44	−3	−0.066 277	+6 782	+19	0
13	0.982 629	2 715	297	−5	0.137 168	15 677	40	−3	0.059 495	6 799	17	−4
14	0.985 344	2 419	296	−3	0.121 491	15 712	35	−2	0.052 696	6 814	15	−5
15	0.987 763	2 122	297	−4	0.105 779	15 743	31	+2	0.045 882	6 827	13	−2
16	0.989 885	1 826	296	−1	0.090 036	15 769	26	+1	0.039 055	6 839	12	+2
17	0.991 711	1 529	297	−3	0.074 267	15 790	21	0	0.032 216	6 848	9	0
18	+0.993 240	+ 1 232	−297	−3	−0.058 477	+15 808	+ 18	+3	−0.025 368	+6 856	+ 8	+1
19	0.994 472	935	297	−2	0.042 669	15 819	11	−4	0.018 512	6 861	5	−4
20	0.995 407	639	296	+1	0.026 850	15 828	9	+2	0.011 651	6 864	3	−3
21	0.996 046	342	297	−3	−0.011 022	15 831	+ 3	−3	−0.004 787	6 866	+ 2	+3
22	0.996 388	+ 45	297	−4	+0.004 809	+15 829	− 2	−4	+0.002 079	+6 866	0	+5
23	+0.996 433		−296	0	+0.020 638		− 4	+4	+0.008 945		− 2	+4

*) ΔX, ΔY, ΔZ sind in Einheiten der 7. Dezimale gegeben.

0^h Welt-Zeit	Mittleres Äquinoktium 1925.0											
	X			ΔX*)	Y			ΔY*)	Z			ΔZ*)
1935												
März 23	+0.996 433	−251	−296	0	+0.020 638	+15 825	−4	+4	+0.008 945	+6864	−2	+4
24	0.996 182	548	297	−3	0.036 463	15 815	10	0	0.015 809	6859	5	0
25	0.995 634	844	296	+2	0.052 278	15 800	15	−3	0.022 668	6854	5	+4
26	0.994 790	1139	295	+4	0.068 078	15 781	19	−1	0.029 522	6845	9	−1
27	0.993 651	1436	297	−4	0.083 859	15 758	23	+2	0.036 367	6836	9	+3
28	0.992 215	1731	295	0	0.099 617	15 730	28	0	0.043 203	6823	13	−4
29	+0.990 484	−2026	−295	0	+0.115 347	+15 697	−33	−2	+0.050 026	+6809	−14	−2
30	0.988 458	2321	295	−1	0.131 044	15 659	38	0	0.056 835	6792	17	−3
31	0.986 137	2615	294	+1	0.146 703	15 617	42	+5	0.063 627	6774	18	+3
April 1	0.983 522	2908	293	+1	0.162 320	15 570	47	+4	0.070 401	6754	20	+5
2	0.980 614	3201	293	−1	0.177 890	15 517	53	−1	0.077 155	6730	24	−1
3	0.977 413	3491	290	+4	0.193 407	15 460	57	+1	0.083 885	6706	24	+5
4	+0.973 922	−3782	−291	−2	+0.208 867	+15 398	−62	−1	+0.090 591	+6678	−28	+1
5	0.970 140	4069	287	+4	0.224 265	15 330	68	−5	0.097 269	6649	29	+4
6	0.966 071	4356	287	−2	0.239 595	15 259	71	0	0.103 918	6618	31	+5
7	0.961 715	4641	285	−2	0.254 854	15 182	77	−4	0.110 536	6585	33	+5
8	0.957 074	4923	282	+3	0.270 036	15 101	81	−3	0.117 121	6549	36	0
9	0.952 151	5203	280	+4	0.285 137	15 016	85	−3	0.123 670	6512	37	+2
10	+0.946 948	−5482	−279	+1	+0.300 153	+14 926	−90	−5	+0.130 182	+6474	−38	+3
11	0.941 466	5758	276	+4	0.315 079	14 832	94	−4	0.136 656	6432	42	−4
12	0.935 708	6031	273	+5	0.329 911	14 734	98	−2	0.143 088	6390	42	+1
13	0.929 677	6304	273	−4	0.344 645	14 632	102	−1	0.149 478	6346	44	0
14	0.923 373	6573	269	−2	0.359 277	14 526	106	−1	0.155 824	6300	46	−3
15	0.916 800	6841	268	−5	0.373 803	14 416	110	−2	0.162 124	6252	48	−5
16	+0.909 959	−7106	−265	−2	+0.388 219	+14 302	−114	−3	+0.168 376	+6203	−49	−3
17	0.902 853	7368	262	+3	0.402 521	14 184	118	−3	0.174 579	6152	51	−5
18	0.895 485	7628	260	+1	0.416 705	14 063	121	0	0.180 731	6099	53	−5
19	0.887 857	7887	259	−3	0.430 768	13 937	126	−2	0.186 830	6045	54	0
20	0.879 970	8141	254	+4	0.444 705	13 809	128	+4	0.192 875	5990	55	+4
21	0.871 829	8396	255	−4	0.458 514	13 677	132	+2	0.198 865	5932	58	−1
22	+0.863 433	−8646	−250	+4	+0.472 191	+13 540	−137	−4	+0.204 797	+5873	−59	+1
23	0.854 787	8894	248	+3	0.485 731	13 400	140	−2	0.210 670	5813	60	+5
24	0.845 893	9141	247	−4	0.499 131	13 256	144	0	0.216 483	5751	62	+3
25	0.836 752	9385	244	−3	0.512 387	13 110	146	+4	0.222 234	5686	65	−2
26	0.827 367	9626	241	0	0.525 497	12 958	152	−4	0.227 920	5621	65	+3
27	0.817 741	9864	238	+2	0.538 455	12 803	155	−3	0.233 541	5554	67	+3
28	+0.807 877	−10 100	−236	−2	+0.551 258	+12 644	−159	−4	+0.239 095	+5484	−70	−2
29	0.797 777	10 333	233	−3	0.563 902	12 481	163	−5	0.244 579	5414	70	+3
30	0.787 444	10 563	230	−3	0.576 383	12 314	167	−5	0.249 993	5341	73	+1
Mai 1	0.776 881	10 789	226	0	0.588 697	12 143	171	−2	0.255 334	5267	74	+4
2	0.766 092	−11 012	223	−2	0.600 840	+11 970	173	+4	0.260 601	+5192	75	+5
3	+0.755 080		−220	−3	+0.612 810		−179	−3	+0.265 793		−78	−2

*) ΔX, ΔY, ΔZ sind in Einheiten der 7. Dezimale gegeben.

0h Welt-Zeit	Mittleres Äquinoktium 1925.0											
	X			ΔX*)	Y			ΔY*)	Z			ΔZ*)
1935												
Mai 3	+0.755 080	−11 232	−220	−3	+0.612 810	+11 791	−179	−3	+0.265 793	+5 114	− 78	−2
4	0.743 848	11 447	215	+1	0.624 601	11 610	181	0	0.270 907	5 035	79	−2
5	0.732 401	11 659	212	0	0.636 211	11 424	186	−3	0.275 942	4 955	80	−1
6	0.720 742	11 867	208	+1	0.647 635	11 237	187	+5	0.280 897	4 873	82	−3
7	0.708 875	12 071	204	+3	0.658 872	11 046	191	+4	0.285 770	4 790	83	−3
8	0.696 804	12 270	199	+4	0.669 918	10 851	195	0	0.290 560	4 706	84	−1
9	+0.684 534	−12 467	−197	−4	+0.680 769	+10 655	−196	+4	+0.295 266	+4 620	− 86	−1
10	0.672 067	12 659	192	−1	0.691 424	10 455	200	0	0.299 886	4 534	86	+4
11	0.659 408	12 847	188	0	0.701 879	10 252	203	−2	0.304 420	4 447	87	+4
12	0.646 561	13 031	184	−2	0.712 131	10 048	204	+3	0.308 867	4 357	90	−3
13	0.633 530	13 212	181	−5	0.722 179	9 840	208	−1	0.313 224	4 268	89	+2
14	0.620 318	13 388	176	−1	0.732 019	9 630	210	0	0.317 492	4 177	91	−1
15	+0.606 930	−13 560	−172	0	+0.741 649	+ 9 418	−212	+1	+0.321 669	+4 084	− 93	−4
16	0.593 370	13 729	169	−3	0.751 067	9 203	215	0	0.325 753	3 992	92	+5
17	0.579 641	13 893	164	0	0.760 270	8 987	216	+5	0.329 745	3 899	93	+4
18	0.565 748	14 054	161	−3	0.769 257	8 768	219	+3	0.333 644	3 803	96	−4
19	0.551 694	14 211	157	−3	0.778 025	8 547	221	+3	0.337 447	3 708	95	+1
20	0.537 483	14 364	153	−2	0.786 572	8 324	223	+4	0.341 155	3 611	97	−3
21	+0.523 119	−14 513	−149	−2	+0.794 896	+ 8 099	−225	+3	+0.344 766	+3 513	− 98	−3
22	0.508 606	14 659	146	−5	0.802 995	7 871	228	−1	0.348 279	3 415	98	+1
23	0.493 947	14 801	142	−5	0.810 866	7 642	229	+1	0.351 694	3 315	100	−3
24	0.479 146	14 938	137	−1	0.818 508	7 409	233	−5	0.355 009	3 214	101	−3
25	0.464 208	15 072	134	−4	0.825 917	7 175	234	−3	0.358 223	3 113	101	+1
26	0.449 136	15 202	130	−4	0.833 092	6 938	237	−4	0.361 336	3 010	103	−4
27	+0.433 934	−15 327	−125	+1	+0.840 030	+ 6 700	−238	+1	+0.364 346	+2 906	−104	−5
28	0.418 607	15 447	120	+5	0.846 730	6 459	241	−2	0.367 252	2 801	105	−3
29	0.403 160	15 563	116	+1	0.853 189	6 216	243	−4	0.370 053	2 696	105	+3
30	0.387 597	15 675	112	−4	0.859 405	5 970	246	−5	0.372 749	2 590	106	+2
31	0.371 922	15 782	107	−4	0.865 375	5 724	246	+4	0.375 339	2 482	108	−3
Juni 1	0.356 140	15 883	101	−1	0.871 099	5 476	248	+5	0.377 821	2 374	108	0
2	+0.340 257	−15 981	− 98	−4	+0.876 575	+ 5 226	−250	0	+0.380 195	+2 266	−108	+4
3	0.324 276	16 072	91	+4	0.881 801	4 974	252	−5	0.382 461	2 157	109	+3
4	0.308 204	16 159	87	+3	0.886 775	4 721	253	−5	0.384 618	2 047	110	+2
5	0.292 045	16 241	82	+2	0.891 496	4 467	254	−1	0.386 665	1 937	110	+4
6	0.275 804	16 318	77	+2	0.895 963	4 213	254	+5	0.388 602	1 827	110	+5
7	0.259 486	16 390	72	0	0.900 176	3 957	256	+4	0.390 429	1 716	111	+1
8	+0.243 096	−16 458	− 68	−3	+0.904 133	+ 3 701	−256	+5	+0.392 145	+1 605	−111	−2
9	0.226 638	16 521	63	−2	0.907 834	3 444	257	+2	0.393 750	1 493	112	−5
10	0.210 117	16 578	57	+2	0.911 278	3 185	259	−3	0.395 243	1 382	111	−1
11	0.193 539	16 632	54	−4	0.914 463	2 928	257	+4	0.396 625	1 269	113	−5
12	0.176 907	−16 680	48	−1	0.917 391	+ 2 669	259	−1	0.397 894	+1 158	111	0
13	+0.160 227		− 45	−4	+0.920 060		−260	−4	+0.399 052		−113	−4

*) ΔX, ΔY, ΔZ sind in Einheiten der 7. Dezimale gegeben.

0h Welt-Zeit	Mittleres Äquinoktium 1925.0											
	X			ΔX*)	Y			ΔY*)	Z			ΔZ*)
1935												
Juni 13	+0.160 227	−16725	− 45	−4	+0.920 060	+2409	−260	−4	+0.399 052	+1045	−113	−4
14	0.143 502	16763	38	+4	0.922 469	2150	259	0	0.400 097	933	112	+1
15	0.126 739	16799	36	−1	0.924 619	1890	260	−1	0.401 030	820	113	0
16	0.109 940	16829	30	+4	0.926 509	1630	260	+1	0.401 850	708	112	+3
17	0.093 111	16855	26	+3	0.928 139	1370	260	+3	0.402 558	595	113	0
18	0.076 256	16877	22	+2	0.929 509	1109	261	0	0.403 153	482	113	−1
19	+0.059 379	−16894	− 17	+2	+0.930 618	+ 848	−261	+1	+0.403 635	+ 368	−114	−2
20	0.042 485	16908	14	−4	0.931 466	587	261	+4	0.404 003	256	112	+4
21	0.025 577	16916	8	−1	0.932 053	325	262	+2	0.404 259	141	115	−3
22	+0.008 661	16921	− 5	−4	0.932 378	+ 63	262	+1	0.404 400	+ 28	113	+3
23	−0.008 260	16920	+ 1	+1	0.932 441	− 200	263	−1	0.404 428	− 86	114	+1
24	0.025 180	16914	6	+2	0.932 241	462	262	+3	0.404 342	200	114	0
25	−0.042 094	−16905	+ 9	−3	+0.931 779	− 725	−263	−1	+0.404 142	− 315	−115	−5
26	0.058 999	16889	16	+5	0.931 054	989	264	−5	0.403 827	429	114	−2
27	0.075 888	16868	21	+4	0.930 065	1252	263	0	0.403 398	543	114	−1
28	0.092 756	16844	24	−4	0.928 813	1514	262	+5	0.402 855	657	114	−2
29	0.109 600	16813	31	+3	0.927 299	1777	263	+2	0.402 198	772	115	−4
30	0.126 413	16777	36	+2	0.925 522	2039	262	+4	0.401 426	885	113	+4
Juli 1	−0.143 190	−16737	+ 40	−4	+0.923 483	−2300	−261	+5	+0.400 541	− 998	−113	+5
2	0.159 927	16692	45	−2	0.921 183	2561	261	+4	0.399 543	1111	113	+1
3	0.176 619	16640	52	+4	0.918 622	2820	259	+5	0.398 432	1224	113	−3
4	0.193 259	16585	55	−3	0.915 802	3080	260	−3	0.397 208	1336	112	−3
5	0.209 844	16525	60	−4	0.912 722	3337	257	+4	0.395 872	1448	112	−5
6	0.226 369	16460	65	−2	0.909 385	3593	256	+4	0.394 424	1559	111	−3
7	−0.242 829	−16390	+ 70	0	+0.905 792	−3849	−256	−2	+0.392 865	−1670	−111	−3
8	0.259 219	16316	74	0	0.901 943	4103	254	−1	0.391 195	1779	109	+1
9	0.275 535	16236	80	+5	0.897 840	4355	252	+1	0.389 416	1889	110	−4
10	0.291 771	16153	83	+1	0.893 485	4606	251	0	0.387 527	1998	109	−2
11	0.307 924	16065	88	+2	0.888 879	4856	250	0	0.385 529	2105	107	+2
12	0.323 989	15972	93	+3	0.884 023	5103	247	+5	0.383 424	2213	108	−3
13	−0.339 961	−15877	+ 95	−4	+0.878 920	−5350	−247	+1	+0.381 211	−2320	−107	−1
14	0.355 838	15776	101	+2	0.873 570	5594	244	+5	0.378 891	2425	105	+2
15	0.371 614	15671	105	+5	0.867 976	5837	243	+3	0.376 466	2531	106	−5
16	0.387 285	15562	109	+4	0.862 139	6078	241	+3	0.373 935	2636	105	−3
17	0.402 847	15451	111	−4	0.856 061	6318	240	−1	0.371 299	2740	104	+2
18	0.418 298	15334	117	+2	0.849 743	6557	239	−4	0.368 559	2843	103	+5
19	−0.433 632	−15213	+121	+5	+0.843 186	−6794	−237	−2	+0.365 716	−2946	−103	+2
20	0.448 845	15088	125	+4	0.836 392	7029	235	+2	0.362 770	3048	102	+1
21	0.463 933	14959	129	0	0.829 363	7263	234	0	0.359 722	3150	102	−3
22	0.478 892	14826	133	−2	0.822 100	7496	233	−1	0.356 572	3251	101	−2
23	0.493 718	−14688	138	0	0.814 604	−7726	230	+5	0.353 321	−3351	100	−1
24	−0.508 406		+142	0	+0.806 878		−229	+4	+0.349 970		−100	−2

*) ΔX, ΔY, ΔZ sind in Einheiten der 7. Dezimale gegeben.

0^h Welt-Zeit		Mittleres Äquinoktium 1925.0											
		X			ΔX*)	Y			ΔY*)	Z			ΔZ*)
1935													
Juli	24	−0.508 406	−14 546	+142	0	+0.806 878	− 7955	−229	+4	+0.349 970	−3451	−100	−2
	25	0.522 952	14 399	147	+4	0.798 923	8181	226	+5	0.346 519	3549	98	+2
	26	0.537 351	14 247	152	+5	0.790 742	8406	225	−2	0.342 970	3646	97	+3
	27	0.551 598	14 092	155	−1	0.782 336	8629	223	−5	0.339 324	3743	97	−3
	28	0.565 690	13 932	160	−1	0.773 707	8849	220	−2	0.335 581	3839	96	−5
	29	0.579 622	13 768	164	0	0.764 858	9066	217	0	0.331 742	3933	94	−2
	30	−0.593 390	−13 599	+169	+4	+0.755 792	− 9281	−215	−3	+0.327 809	−4026	− 93	−1
	31	0.606 989	13 426	173	+3	0.746 511	9494	213	−5	0.323 783	4118	92	−2
Aug.	1	0.620 415	13 250	176	−1	0.737 017	9702	208	+3	0.319 665	4209	91	−3
	2	0.633 665	13 069	181	+3	0.727 315	9909	207	−3	0.315 456	4298	89	−2
	3	0.646 734	12 884	185	+5	0.717 406	10 113	204	−5	0.311 158	4387	89	−4
	4	0.659 618	12 696	188	+3	0.707 293	10 313	200	−1	0.306 771	4473	86	+3
	5	−0.672 314	−12 504	+192	+4	+0.696 980	−10 510	−197	0	+0.302 298	−4558	− 85	+2
	6	0.684 818	12 308	196	+5	0.686 470	10 704	194	−2	0.297 740	4643	85	−4
	7	0.697 126	12 109	199	+2	0.675 766	10 896	192	−5	0.293 097	4725	82	+1
	8	0.709 235	11 907	202	−2	0.664 870	11 083	187	+1	0.288 372	4807	82	−1
	9	0.721 142	11 702	205	−2	0.653 787	11 267	184	+2	0.283 565	4886	79	+4
	10	0.732 844	11 493	209	+3	0.642 520	11 448	181	+1	0.278 679	4965	79	0
	11	−0.744 337	−11 281	+212	+4	+0.631 072	−11 626	−178	−1	+0.273 714	−5042	− 77	+2
	12	0.755 618	11 067	214	+1	0.619 446	11 801	175	−3	0.268 672	5117	75	+4
	13	0.766 685	10 849	218	+3	0.607 645	11 972	171	0	0.263 555	5192	75	−1
	14	0.777 534	10 630	219	−3	0.595 673	12 140	168	−1	0.258 363	5265	73	+1
	15	0.788 164	10 406	224	+1	0.583 533	12 306	166	−5	0.253 098	5337	72	+1
	16	0.798 570	10 181	225	−5	0.571 227	12 468	162	−2	0.247 761	5407	70	+4
	17	−0.808 751	− 9952	+229	−2	+0.558 759	−12 627	−159	−2	+0.242 354	−5476	− 69	+3
	18	0.818 703	9720	232	−1	0.546 132	12 784	157	−3	0.236 878	5545	69	−2
	19	0.828 423	9486	234	−3	0.533 348	12 936	152	+5	0.231 333	5611	66	+4
	20	0.837 909	9247	239	+4	0.520 412	13 085	149	+4	0.225 722	5675	64	+5
	21	0.847 156	9006	241	+3	0.507 327	13 232	147	−4	0.220 047	5740	65	−3
	22	0.856 162	8762	244	+2	0.494 095	13 375	143	−3	0.214 307	5801	61	+3
	23	−0.864 924	− 8515	+247	+3	+0.480 720	−13 513	−138	+2	+0.208 506	−5862	− 61	−1
	24	0.873 439	8264	251	+4	0.467 207	13 649	136	−5	0.202 644	5920	58	+2
	25	0.881 703	8012	252	−2	0.453 558	13 780	131	−4	0.196 724	5978	58	−4
	26	0.889 715	7755	257	+4	0.439 778	13 908	128	−5	0.190 746	6032	54	+2
	27	0.897 470	7497	258	−2	0.425 870	14 031	123	+1	0.184 714	6086	54	−4
	28	0.904 967	7237	260	−5	0.411 839	14 149	118	+5	0.178 628	6138	52	−4
	29	−0.912 204	− 6973	+264	+2	+0.397 690	−14 265	−116	0	+0.172 490	−6188	− 50	−1
	30	0.919 177	6707	266	+2	0.383 425	14 375	110	+5	0.166 302	6235	47	+5
	31	0.925 884	6440	267	−2	0.369 050	14 481	106	+4	0.160 067	6281	46	+4
Sept.	1	0.932 324	6169	271	+3	0.354 569	14 583	102	+2	0.153 786	6325	44	+4
	2	0.938 493	− 5898	271	−2	0.339 986	−14 681	98	0	0.147 461	−6367	42	+3
	3	−0.944 391		+273	−2	+0.325 305		− 93	+3	+0.141 094		− 41	−1

*) ΔX, ΔY, ΔZ sind in Einheiten der 7. Dezimale gegeben.

0h Welt-Zeit	Mittleres Äquinoktium 1925.0											
	X			ΔX*)	Y			ΔY*)	Z			ΔZ*)
1935												
Sept. 3	−0.944 391	−5625	+273	−2	+0.325 305	−14774	−93	+3	+0.141 094	−6408	−41	−1
4	0.950 016	5349	276	+2	0.310 531	14862	88	+4	0.134 686	6445	37	+4
5	0.955 365	5073	276	−1	0.295 669	14947	85	0	0.128 241	6483	38	−4
6	0.960 438	4795	278	+3	0.280 722	15026	79	+5	0.121 758	6516	33	+4
7	0.965 233	4515	280	+5	0.265 696	15101	75	+1	0.115 242	6550	34	−3
8	0.969 748	4235	280	0	0.250 595	15173	72	−5	0.108 692	6580	30	+5
9	−0.973 983	−3954	+281	0	+0.235 422	−15239	−66	−1	+0.102 112	−6609	−29	+5
10	0.977 937	3671	283	+4	0.220 183	15302	63	−2	0.095 503	6636	27	+5
11	0.981 608	3388	283	+1	0.204 881	15360	58	+2	0.088 867	6661	25	+4
12	0.984 996	3104	284	+1	0.189 521	15414	54	+3	0.082 206	6685	24	0
13	0.988 100	2819	285	+2	0.174 107	15465	51	0	0.075 521	6707	22	−1
14	0.990 919	2532	287	+5	0.158 642	15510	45	+4	0.068 814	6728	21	−3
15	−0.993 451	−2245	+287	+2	+0.143 132	−15553	−43	−4	+0.062 086	−6745	−17	+4
16	0.995 696	1956	289	+2	0.127 579	15591	38	−3	0.055 341	6763	18	−4
17	0.997 652	1667	289	−3	0.111 988	15625	34	−4	0.048 578	6777	14	+2
18	0.999 319	1376	291	−3	0.096 363	15655	30	−3	0.041 801	6790	13	−1
19	1.000 695	1085	291	−5	0.080 708	15679	24	+4	0.035 011	6802	12	−3
20	1.001 780	792	293	+1	0.065 029	15700	21	0	0.028 209	6810	8	+5
21	−1.002 572	− 498	+294	+3	+0.049 329	−15716	−16	+1	+0.021 399	−6817	− 7	+4
22	1.003 070	− 204	294	−1	0.033 613	15727	11	+4	0.014 582	6821	4	+5
23	1.003 274	+ 90	294	−2	0.017 886	15733	6	+5	0.007 761	6825	− 4	−2
24	1.003 184	386	296	+5	+0.002 153	15734	− 1	+4	+0.000 936	6825	0	+4
25	1.002 798	682	296	+4	−0.013 581	15732	+ 2	−1	−0.005 889	6823	+ 2	+4
26	1.002 116	977	295	−2	0.029 313	15723	9	+5	0.012 712	6820	3	−1
27	−1.001 139	+1272	+295	−3	−0.045 036	−15710	+13	+3	−0.019 532	−6814	+ 6	0
28	0.999 867	1568	296	+3	0.060 746	15692	18	+2	0.026 346	6806	8	−2
29	0.998 299	1864	296	+4	0.076 438	15669	23	0	0.033 152	6796	10	−3
30	0.996 435	2158	294	−3	0.092 107	15642	27	−2	0.039 948	6784	12	−3
Okt. 1	0.994 277	2452	294	−1	0.107 749	15608	34	+4	0.046 732	6770	14	−1
2	0.991 825	2746	294	+4	0.123 357	15572	36	−4	0.053 502	6753	17	+3
3	−0.989 079	+3039	+293	+5	−0.138 929	−15529	+43	+3	−0.060 255	−6735	+18	+1
4	0.986 040	3331	292	+3	0.154 458	15481	48	+5	0.066 990	6714	21	+4
5	0.982 709	3621	290	−2	0.169 939	15430	51	−3	0.073 704	6692	22	+1
6	0.979 088	3911	290	0	0.185 369	15374	56	−4	0.080 396	6667	25	+5
7	0.975 177	4199	288	−3	0.200 743	15313	61	−1	0.087 063	6641	26	+3
8	0.970 978	4485	286	−4	0.216 056	15247	66	+2	0.093 704	6612	29	+4
9	−0.966 493	+4771	+286	+2	−0.231 303	−15178	+69	−3	−0.100 316	−6583	+29	−3
10	0.961 722	5055	284	+1	0.246 481	15104	74	−2	0.106 899	6551	32	+1
11	0.956 667	5338	283	+2	0.261 585	15026	78	−3	0.113 450	6517	34	+4
12	0.951 329	5619	281	+1	0.276 611	14945	81	−5	0.119 967	6482	35	+3
13	0.945 710	+5900	281	+3	0.291 556	−14858	87	+1	0.126 449	−6444	38	+5
14	−0.939 810		+278	−4	−0.306 414		+90	−1	−0.132 893		+39	0

*) ΔX, ΔY, ΔZ sind in Einheiten der 7. Dezimale gegeben.

0h Welt-Zeit	Mittleres Äquinoktium 1925.0											
	X			ΔX*)	Y			ΔY*)	Z			ΔZ*
1935												
Okt. 14	−0.939 810	+ 6178	+278	−4	−0.306 414	−14768	+ 90	−1	−0.132 893	−6405	+ 39	0
15	0.933 632	6456	278	+1	0.321 182	14673	95	+1	0.139 298	6365	40	−5
16	0.927 176	6733	277	+4	0.335 855	14575	98	−3	0.145 663	6322	43	−2
17	0.920 443	7008	275	0	0.350 430	14471	104	+1	0.151 985	6277	45	−2
18	0.913 435	7281	273	−3	0.364 901	14364	107	−2	0.158 262	6231	46	−4
19	0.906 154	7553	272	0	0.379 265	14251	113	+4	0.164 493	6182	49	+1
20	−0.898 601	+ 7824	+271	+3	−0.393 516	−14134	+117	+1	−0.170 675	−6131	+ 51	+2
21	0.890 777	8092	268	−3	0.407 650	14013	121	−4	0.176 806	6078	53	+1
22	0.882 685	8358	266	−5	0.421 663	13888	125	−5	0.182 884	6024	54	−4
23	0.874 327	8622	264	−4	0.435 551	13757	131	+1	0.188 908	5967	57	−1
24	0.865 705	8884	262	−2	0.449 308	13622	135	+1	0.194 875	5909	58	−1
25	0.856 821	9143	259	−3	0.462 930	13483	139	0	0.200 784	5848	61	+4
26	−0.847 678	+ 9400	+257	+1	−0.476 413	−13339	+144	+2	−0.206 632	−5785	+ 63	+5
27	0.838 278	9654	254	+2	0.489 752	13190	149	+3	0.212 417	5721	64	+3
28	0.828 624	9906	252	+3	0.502 942	13038	152	−3	0.218 138	5654	67	+4
29	0.818 718	10153	247	−4	0.515 980	12881	157	−4	0.223 792	5587	67	−2
30	0.808 565	10398	245	+1	0.528 861	12720	161	−5	0.229 379	5516	71	+4
31	0.798 167	10641	243	+4	0.541 581	12555	165	−5	0.234 895	5445	71	0
Nov. 1	−0.787 526	+10878	+237	−4	−0.554 136	−12386	+169	−5	−0.240 340	−5371	+ 74	+1
2	0.776 648	11114	236	+2	0.566 522	12213	173	−3	0.245 711	5296	75	−3
3	0.765 534	11344	230	−4	0.578 735	12036	177	+1	0.251 007	5220	76	−5
4	0.754 190	11573	229	+3	0.590 771	11855	181	+3	0.256 227	5141	79	0
5	0.742 617	11796	223	−3	0.602 626	11671	184	−1	0.261 368	5062	79	−5
6	0.730 821	12017	221	0	0.614 297	11484	187	−5	0.266 430	4981	81	−3
7	−0.718 804	+12233	+216	−1	−0.625 781	−11294	+190	−5	−0.271 411	−4898	+ 83	0
8	0.706 571	12447	214	+5	0.637 075	11100	194	−1	0.276 309	4815	83	−2
9	0.694 124	12657	210	+3	0.648 175	10903	197	0	0.281 124	4729	86	+5
10	0.681 467	12863	206	−1	0.659 078	10703	200	0	0.285 853	4642	87	+3
11	0.668 604	13065	202	−2	0.669 781	10500	203	−1	0.290 495	4555	87	−3
12	0.655 539	13265	200	+4	0.680 281	10294	206	−1	0.295 050	4465	90	+1
13	−0.642 274	+13461	+196	+4	−0.690 575	−10084	+210	+1	−0.299 515	−4375	+ 90	−3
14	0.628 813	13653	192	+3	0.700 659	9872	212	−4	0.303 890	4282	93	+1
15	0.615 160	13842	189	+5	0.710 531	9656	216	−4	0.308 172	4189	93	−3
16	0.601 318	14027	185	+3	0.720 187	9437	219	−3	0.312 361	4094	95	−1
17	0.587 291	14208	181	0	0.729 624	9215	222	−2	0.316 455	3997	97	+2
18	0.573 083	14384	176	−5	0.738 839	8989	226	+2	0.320 452	3899	98	+1
19	−0.558 699	+14557	+173	−3	−0.747 828	− 8760	+229	+3	−0.324 351	−3800	+ 99	−1
20	0.544 142	14725	168	−3	0.756 588	8528	232	0	0.328 151	3699	101	−1
21	0.529 417	14889	164	0	0.765 116	8294	234	−4	0.331 850	3598	101	−4
22	0.514 528	15049	160	+3	0.773 410	8056	238	+1	0.335 448	3494	104	+4
23	0.499 479	+15204	155	+1	0.781 466	− 7815	241	+3	0.338 942	−3389	105	+4
24	−0.484 275		+150	−1	−0.789 281		+243	+2	−0.342 331		+105	−1

*) ΔX, ΔY, ΔZ sind in Einheiten der 7. Dezimale gegeben.

0h Welt-Zeit	Mittleres Äquinoktium 1925.0											
	X			*ΔX**)	*Y*			*ΔY**)	*Z*			*ΔZ**)
1935												
Nov. 24	−0.484 275	+15354	+150	−1	−0.789 281	−7572	+243	+2	−0.342 331	−3284	+105	−1
25	0.468 921	15499	145	−3	0.796 853	7325	247	+5	0.345 615	3177	107	+2
26	0.453 422	15639	140	−1	0.804 178	7077	248	0	0.348 792	3068	109	+4
27	0.437 783	15775	136	+5	0.811 255	6825	252	+3	0.351 860	2960	108	−3
28	0.422 008	15905	130	+4	0.818 080	6572	253	−2	0.354 820	2850	110	0
29	0.406 103	16030	125	+5	0.824 652	6316	256	+1	0.357 670	2738	112	+3
30	−0.390 073	+16150	+120	+4	−0.830 968	−6058	+258	+3	−0.360 408	−2627	+111	−5
Dez. 1	0.373 923	16264	114	−1	0.837 026	5798	260	+1	0.363 035	2515	112	−4
2	0.357 659	16373	109	−3	0.842 824	5537	261	−4	0.365 550	2401	114	+2
3	0.341 286	16476	103	−4	0.848 361	5275	262	−5	0.367 951	2287	114	+1
4	0.324 810	16576	100	+4	0.853 636	5010	265	+2	0.370 238	2173	114	−3
5	0.308 234	16669	93	−1	0.858 646	4745	265	−1	0.372 411	2058	115	−3
6	−0.291 565	+16758	+ 89	0	−0.863 391	−4478	+267	+3	−0.374 469	−1943	+115	−3
7	0.274 807	16841	83	−3	0.867 869	4210	268	+4	0.376 412	1826	117	+3
8	0.257 966	16920	79	−1	0.872 079	3941	269	+2	0.378 238	1710	116	−1
9	0.241 046	16994	74	−2	0.876 020	3671	270	0	0.379 948	1593	117	−1
10	0.224 052	17062	68	−5	0.879 691	3400	271	−1	0.381 541	1475	118	0
11	0.206 990	17127	65	+1	0.883 091	3128	272	−1	0.383 016	1358	117	−3
12	−0.189 863	+17186	+ 59	−2	−0.886 219	−2854	+274	+1	−0.384 374	−1238	+120	+4
13	0.172 677	17240	54	−1	0.889 073	2580	274	−3	0.385 612	1120	118	−3
14	0.155 437	17289	49	+1	0.891 653	2304	276	−2	0.386 732	1000	120	0
15	0.138 148	17334	45	+5	0.893 957	2028	276	−5	0.387 732	880	120	−1
16	0.120 814	17372	38	0	0.895 985	1751	277	−4	0.388 612	760	120	−2
17	0.103 442	17406	34	+4	0.897 736	1472	279	+3	0.389 372	639	121	+1
18	−0.086 036	+17434	+ 28	+2	−0.899 208	−1192	+280	+5	−0.390 011	− 517	+122	+4
19	0.068 602	17457	23	+3	0.900 400	913	279	−2	0.390 528	396	121	0
20	0.051 145	17474	17	+2	0.901 313	632	281	0	0.390 924	274	122	+1
21	0.033 671	17486	12	+3	0.901 945	351	281	−2	0.391 198	152	122	0
22	−0.016 185	17492	6	+2	0.902 296	− 70	281	−3	0.391 350	− 30	122	−1
23	+0.001 307	17493	+ 1	+4	0.902 366	+ 212	282	0	0.391 380	+ 93	123	+1
24	+0.018 800	+17487	− 6	−1	−0.902 154	+ 494	+282	0	−0.391 287	+ 215	+122	−3
25	0.036 287	17476	11	+1	0.901 660	776	282	0	0.391 072	337	122	−4
26	0.053 763	17460	16	+3	0.900 884	1058	282	0	0.390 735	459	122	−2
27	0.071 223	17436	24	−4	0.899 826	1339	281	−1	0.390 276	582	123	+2
28	0.088 659	17408	28	+1	0.898 487	1620	281	+2	0.389 694	703	121	−2
29	0.106 067	17373	35	0	0.896 867	1901	281	+4	0.388 991	825	122	+1
30	+0.123 440	+17334	− 39	+5	−0.894 966	+2180	+279	−1	−0.388 166	+ 945	+120	−2
31	0.140 774	+17288	46	0	0.892 786	+2458	278	−3	0.387 221	+1067	122	+4
32	+0.158 062		− 51	0	−0.890 328		+277	−2	−0.386 154		+119	−3

*) *ΔX*, *ΔY*, *ΔZ* sind in Einheiten der 7. Dezimale gegeben.

Mittleres Äquinoktium 1925.0

MERKUR 1935

0^h Welt-Zeit	log r	Helioz. Länge	Red. a. d. Bahn	Helioz. Breite	0^h Welt-Zeit	log r	Helioz. Länge	Red. a. d. Bahn	Helioz. Breite
1935		°	°	°	1935		°	°	°
Jan. 1	9.6586	281.17	+0.20	−5.66	Juli 5	9.6263	309.32	+0.06	−6.93
6	9.6435	296.16	+0.14	−6.53	10	9.5993	327.27	−0.07	−6.90
11	9.6217	312.53	+0.04	−6.98	15	9.5670	347.83	−0.19	−6.05
16	9.5936	330.91	−0.10	−6.81	20	9.5326	11.74	−0.20	−4.10
21	9.5605	352.04	−0.20	−5.77	25	9.5030	39.36	−0.06	−0.99
26	9.5264	16.64	−0.19	−3.60	30	9.4883	70.00	+0.15	+2.70
31	9.4988	44.93	−0.02	−0.31	Aug. 4	9.4950	101.39	+0.20	+5.67
Febr. 5	9.4879	75.92	+0.18	+3.35	9	9.5200	130.70	+0.05	+6.95
10	9.4986	107.13	+0.19	+6.05	14	9.5536	156.27	−0.13	+6.63
15	9.5260	135.81	+0.01	+7.00	19	9.5873	178.05	−0.21	+5.33
20	9.5601	160.63	−0.16	+6.44	24	9.6166	196.76	−0.19	+3.58
25	9.5932	181.76	−0.21	+5.02	29	9.6397	213.27	−0.10	+1.72
März 2	9.6214	200.00	−0.18	+3.24	Sept. 3	9.6561	228.31	+0.01	−0.11
7	9.6433	216.19	−0.08	+1.37	8	9.6658	242.48	+0.11	−1.83
12	9.6584	231.02	+0.03	−0.44	13	9.6690	256.25	+0.18	−3.39
17	9.6669	245.08	+0.12	−2.13	18	9.6657	270.06	+0.21	−4.76
22	9.6689	258.82	+0.19	−3.66	23	9.6559	284.35	+0.20	−5.88
27	9.6644	272.69	+0.21	−4.99	28	9.6393	299.60	+0.12	−6.67
April 1	9.6533	287.13	+0.19	−6.05	Okt. 3	9.6161	316.34	+0.01	−7.00
6	9.6355	302.61	+0.11	−6.77	8	9.5867	335.26	−0.12	−6.67
11	9.6110	319.71	−0.02	−7.00	13	9.5530	357.10	−0.21	−5.40
16	9.5806	339.11	−0.15	−6.51	18	9.5194	22.51	−0.16	−2.96
21	9.5464	1.58	−0.21	−5.04	23	9.4947	51.54	+0.03	+0.50
26	9.5138	27.70	−0.14	−2.37	28	9.4884	82.83	+0.20	+4.07
Mai 1	9.4919	57.30	+0.07	+1.21	Nov. 2	9.5035	113.69	+0.16	+6.42
6	9.4897	88.74	+0.21	+4.64	7	9.5332	141.58	−0.03	+6.98
11	9.5082	119.20	+0.13	+6.65	12	9.5676	165.54	−0.18	+6.18
16	9.5395	146.37	−0.07	+6.92	17	9.5999	185.97	−0.21	+4.65
21	9.5740	169.62	−0.19	+5.93	22	9.6268	203.69	−0.16	+2.83
26	9.6054	189.47	−0.21	+4.32	27	9.6472	219.52	−0.06	+0.97
31	9.6311	206.78	−0.14	+2.48	Dez. 2	9.6608	234.14	+0.05	−0.82
Juni 5	9.6502	222.34	−0.04	+0.62	7	9.6679	248.09	+0.14	−2.48
10	9.6627	236.80	+0.07	−1.15	12	9.6685	261.83	+0.20	−3.97
15	9.6685	250.67	+0.16	−2.77	17	9.6625	275.78	+0.21	−5.25
20	9.6679	264.42	+0.21	−4.23	22	9.6499	290.40	+0.17	−6.24
25	9.6607	278.46	+0.21	−5.46	27	9.6307	306.18	+0.08	−6.87
30	9.6468	293.26	+0.16	−6.39	32	9.6048	323.72	−0.05	−6.96
Juli 5	9.6263	309.32	+0.06	−6.93					

$\Omega = 47^\circ.442$ $\quad i = 7^\circ.003$ $\quad m = \frac{1}{6\,000\,000}$

Mittleres Äquinoktium 1925.0

0^h Welt-Zeit	log r	Helioz. Länge	Red. a. d. Bahn	Helioz. Breite	log r	Helioz. Länge	Red. a. d. Bahn	Helioz. Breite
	VENUS 1935				MARS 1935			
1935		°	in 0.001	°		°	in 0.001	°
Jan. 1	9.86227	303.984	+50	−2.524	0.22165	153.365	− 7	+1.791
11	9.86225	319.800	+40	−3.046	0.22160	157.731	9	1.751
21	9.86200	335.637	+18	−3.339	0.22129	162.101	11	1.701
31	9.86155	351.506	−10	−3.378	0.22072	166.480	12	1.640
Febr. 10	9.86092	7.411	−34	−3.159	0.21990	170.872	13	1.570
20	9.86018	23.356	−49	−2.698	0.21883	175.284	−14	+1.490
März 2	9.85936	39.345	−48	−2.026	0.21750	179.719	15	1.401
12	9.85854	55.379	−33	−1.195	0.21592	184.184	15	1.303
22	9.85778	71.462	− 8	−0.267	0.21410	188.683	15	1.196
April 1	9.85714	87.596	+20	+0.684	0.21205	193.223	14	1.080
11	9.85667	103.776	+42	+1.584	0.20977	197.808	−13	+0.957
21	9.85641	119.998	+50	+2.360	0.20727	202.443	12	0.826
Mai 1	9.85638	136.245	+43	+2.948	0.20457	207.134	10	0.688
11	9.85659	152.500	+23	+3.300	0.20167	211.885	8	0.543
21	9.85700	168.739	− 5	+3.390	0.19858	216.702	6	0.392
31	9.85761	184.937	−31	+3.210	0.19533	221.590	− 4	+0.237
Juni 10	9.85834	201.076	−47	+2.778	0.19193	226.553	− 1	+0.077
20	9.85915	217.143	−49	+2.130	0.18841	231.596	+ 1	−0.085
30	9.85997	233.134	−36	+1.319	0.18478	236.723	4	0.250
Juli 10	9.86074	249.055	−12	+0.410	0.18108	241.937	7	0.416
20	9.86140	264.920	+15	−0.528	0.17733	247.242	+ 9	−0.581
30	9.86190	280.747	+38	−1.423	0.17356	252.640	11	0.743
Aug. 9	9.86220	296.557	+50	−2.209	0.16981	258.132	13	0.902
19	9.86229	312.367	+46	−2.827	0.16611	263.720	14	1.055
29	9.86215	328.192	+29	−3.232	0.16251	269.404	15	1.200
Sept. 8	9.86179	344.045	+ 3	−3.392	0.15904	275.181	+15	−1.336
18	9.86125	359.932	−24	−3.294	0.15575	281.050	14	1.459
28	9.86055	15.857	−43	−2.943	0.15267	287.006	13	1.569
Okt. 8	9.85977	31.824	−50	−2.365	0.14986	293.044	12	1.664
18	9.85895	47.835	−42	−1.602	0.14735	299.157	9	1.740
28	9.85815	63.894	−21	−0.711	0.14517	305.336	+ 7	−1.797
Nov. 7	9.85745	80.002	+ 7	+0.239	0.14337	311.573	4	1.834
17	9.85689	96.159	+33	+1.172	0.14198	317.857	+ 1	1.849
27	9.85652	112.361	+48	+2.015	0.14101	324.174	− 3	1.842
Dez. 7	9.85638	128.597	+48	+2.698	0.14048	330.514	6	1.812
17	9.85647	144.851	+34	+3.166	0.14040	336.862	− 9	−1.760
27	9.85678	161.100	+ 8	+3.382	0.14078	343.205	−11	−1.687

Venus: $\Omega = 76\overset{\circ}{.}005$ $\quad i = 3\overset{\circ}{.}394$ $\quad m = \frac{1}{408\,000}$

Mars: $\Omega = 48\overset{\circ}{.}979$ $\quad i = 1\overset{\circ}{.}850$ $\quad m = \frac{1}{3\,093\,500}$

Mittleres Äquinoktium 1925.0

0h Welt-Zeit		Julian. Zeit	log R	Länge	log r	Heliozentr. Länge	Red. auf d. Bahn	Heliozentr. Breite
		ERDE 1935			JUPITER 1935			
1935		d		°		°	in 0.0001	°
Jan.	1	242 7803.5	9.99268	99.508	0.734914	218.4166	−63	+1.1477
	11	7813.5	9.99274	109.700	0.734793	219.1784	64	1.1392
	21	7823.5	9.99303	119.883	0.734669	219.9407	65	1.1306
	31	7833.5	9.99353	130.047	0.734541	220.7034	66	1.1217
Febr.	10	7843.5	9.99423	140.184	0.734410	221.4665	67	1.1126
	20	242 7853.5	9.99510	150.284	0.734275	222.2301	−67	+1.1034
März	2	7863.5	9.99612	160.340	0.734137	222.9942	68	1.0939
	12	7873.5	9.99724	170.346	0.733995	223.7588	69	1.0842
	22	7883.5	9.99845	180.299	0.733850	224.5238	70	1.0743
April	1	7893.5	9.99969	190.196	0.733701	225.2894	71	1.0642
	11	242 7903.5	0.00093	200.036	0.733549	226.0555	−71	+1.0540
	21	7913.5	0.00214	209.820	0.733393	226.8222	72	1.0435
Mai	1	7923.5	0.00329	219.552	0.733234	227.5894	72	1.0328
	11	7933.5	0.00433	229.235	0.733072	228.3571	73	1.0220
	21	7943.5	0.00524	238.874	0.732906	229.1255	73	1.0109
	31	242 7953.5	0.00600	248.476	0.732737	229.8944	−73	+0.9997
Juni	10	7963.5	0.00659	258.048	0.732565	230.6639	74	0.9883
	20	7973.5	0.00699	267.599	0.732389	231.4341	74	0.9767
	30	7983.5	0.00719	277.136	0.732210	232.2049	74	0.9648
Juli	10	7993.5	0.00719	286.669	0.732028	232.9762	74	0.9528
	20	242 8003.5	0.00698	296.206	0.731843	233.7483	−74	+0.9407
	30	8013.5	0.00657	305.757	0.731654	234.5210	74	0.9283
Aug.	9	8023.5	0.00598	315.330	0.731462	235.2944	74	0.9158
	19	8033.5	0.00521	324.933	0.731267	236.0684	74	0.9031
	29	8043.5	0.00429	334.573	0.731070	236.8431	74	0.8902
Sept.	8	242 8053.5	0.00324	344.257	0.730869	237.6186	−74	+0.8772
	18	8063.5	0.00210	353.991	0.730665	238.3948	74	0.8639
	28	8073.5	0.00088	3.778	0.730458	239.1716	74	0.8505
Okt.	8	8083.5	9.99963	13.621	0.730248	239.9493	73	0.8369
	18	8093.5	9.99838	23.521	0.730035	240.7276	73	0.8232
	28	242 8103.5	9.99718	33.476	0.729819	241.5067	−72	+0.8092
Nov.	7	8113.5	9.99605	43.486	0.729601	242.2867	72	0.7952
	17	8123.5	9.99504	53.545	0.729379	243.0674	71	0.7810
	27	8133.5	9.99418	63.648	0.729155	243.8488	71	0.7666
Dez.	7	8143.5	9.99348	73.787	0.728928	244.6312	70	0.7520
	17	242 8153.5	9.99299	83.954	0.728699	245.4143	−69	+0.7374
	27	242 8163.5	9.99272	94.139	0.728466	246.1982	−68	+0.7225

Erde: $m = \frac{1}{329\,390}$

Jupiter: $\Omega = 99^\circ.6906$ $i = 1^\circ.3073$ $m = \frac{1}{1\,047.35}$

Mittleres Äquinoktium 1925.0

SATURN 1935

0ʰ Welt-Zeit	Julian. Zeit	log r	Heliozentrische Länge	Red. auf die Bahn	Heliozentrische Breite
	d		°	in 0°.0001	°
1934 Dez. 12	242 7783.5	0.991215	328.3217	+256	−1.4403
1935 Jan. 21	7823.5	0.990775	329.5889	260	1.4848
März 2	7863.5	0.990329	330.8590	263	1.5287
April 11	7903.5	0.989877	332.1317	+265	−1.5720
Mai 21	7943.5	0.989419	333.4073	267	1.6146
Juni 30	7983.5	0.988954	334.6857	269	1.6564
Aug. 9	8023.5	0.988484	335.9670	+270	−1.6976
Sept. 18	8063.5	0.988009	337.2512	271	1.7380
Okt. 28	8103.5	0.987528	338.5385	271	1.7776
Dez. 7	242 8143.5	0.987042	339.8287	+270	−1.8163

$\Omega = 113^\circ.0016 \qquad i = 2^\circ.4913 \qquad m = \frac{1}{3501.6}$

URANUS 1935

0ʰ Welt-Zeit	Julian. Zeit	log r	Heliozentrische Länge	Red. auf die Bahn	Heliozentrische Breite
	d		°	in 0°.001	°
1934 Dez. 12	242 7783.5	1.29804	29.848	− 3	−0.535
1935 Jan. 21	7823.5	1.29794	30.285	3	0.531
März 2	7863.5	1.29783	30.722	3	0.527
April 11	7903.5	1.29773	31.159	− 3	−0.522
Mai 21	7943.5	1.29762	31.597	3	0.518
Juni 30	7983.5	1.29752	32.035	3	0.513
Aug. 9	8023.5	1.29741	32.473	− 3	−0.509
Sept. 18	8063.5	1.29730	32.911	3	0.505
Okt. 28	8103.5	1.29719	33.350	3	0.500
Dez. 7	242 8143.5	1.29708	33.788	− 3	−0.495

$\Omega = 73^\circ.616 \qquad i = 0^\circ.773 \qquad m = \frac{1}{22\,869}$

NEPTUN 1935

0ʰ Welt-Zeit	Julian. Zeit	log r	Heliozentrische Länge	Red. auf die Bahn	Heliozentrische Breite
	d		°	in 0°.001	°
1934 Dez. 12	242 7783.5	1.47988	162.572	+ 12	+0.932
1935 Jan. 21	7823.5	1.47989	162.810	12	0.938
März 2	7863.5	1.47990	163.047	12	0.944
April 11	7903.5	1.47991	163.285	+ 12	+0.950
Mai 21	7943.5	1.47992	163.522	12	0.957
Juni 30	7983.5	1.47993	163.759	13	0.963
Aug. 9	8023.5	1.47994	163.996	+ 13	+0.969
Sept. 18	8063.5	1.47995	164.234	13	0.975
Okt. 28	8103.5	1.47996	164.471	13	0.981
Dez. 7	242 8143.5	1.47997	164.708	+ 13	+0.987

$\Omega = 130^\circ.954 \qquad i = 1^\circ.777 \qquad m = \frac{1}{19\,314}$

PLUTO 1935

0ʰ Welt-Zeit	Julian. Zeit	log r	Heliozentrische Länge	Red. auf die Bahn	Heliozentrische Breite
	d		°	in 0°.001	°
1935 Jan. 21	242 7823.5	1.60326	114.837	+256	+1.705
April 11	7903.5	1.60268	115.122	269	1.793
Juni 30	7983.5	1.60210	115.408	282	1.881
Sept. 18	8063.5	1.60151	115.695	295	1.969
Dez. 7	242 8143.5	1.60091	115.983	+308	+2.057

$\Omega = 109^\circ.294 \qquad i = 17^\circ.145 \qquad m \approx \frac{1}{3\,300\,000}$

Mittlere und Scheinbare Sternörter 1935

Reduktionsgrößen

Mittlere Sternörter 1935.0

Nr.	Name	Gr.	Spektrum	AR. 1935.0	Jährl. Veränderung	Jährl. Eigenbew. in 0s.0001	Dekl. 1935.0	Jährl. Veränderung	Jährl. Eigenbew. in 0".001
		M		h m s	s		° ' "	"	
905	[2 Ceti]	4.62	A 0	0 0 24.663	+3.0734	+ 12	−17 41 52.15	+20.040	− 4
1	α Androm.	2.15	A 0p	0 5 1.393	+3.0997	+ 107	+28 43 53.80	+19.878	− 161
2	β Cassiopeiae	2.42	F 5	0 5 41.800	+3.1955	+ 677	+58 47 28.59	+19.858	− 180
3	ε Phoenicis	3.94	K 0	0 6 6.949	+3.0458	+ 99	−46 6 22.57	+19.844	− 192
4	[22 Androm.]	5.08	F 0	0 6 56.057	+3.1152	+ 8	+45 42 37.88	+20.032	− 3
5	[χ² Sculptoris]	5.56	K 0	0 8 16.538	+3.0475	+ 4	−28 9 43.24	+20.037	+ 6
6	[ϑ Sculptoris]	5.19	F 5	0 8 25.798	+3.0483	+ 104	−35 29 49.22	+20.154	+ 124
7	γ Pegasi	2.87	B 2	0 9 53.148	+3.0883	+ 1	+14 49 19.80	+20.012	− 14
8	[Br 6]	6.23	B 9	0 12 30.779	+3.3856	+ 68	+76 35 22.93	+20.016	+ 1
9	ι Ceti	3.75	K 0	0 16 6.962	+3.0563	− 15	− 9 11 3.11	+19.962	− 32
10	ζ Tucanae	4.34	F 8	0 16 41.701	+3.1312	+2692	−65 15 24.85	+21.145	+1154
11	β Hydri	2.90	G 0	0 22 21.974	+3.1723	+6926	−77 37 13.10	+20.267	+ 318
12	α Phoenicis	2.44	K 0	0 23 4.433	+2.9660	+ 168	−42 39 32.91	+19.534	− 409
13	12 Ceti	6.04	K 5	0 26 43.295	+3.0620	+ 8	− 4 18 58.76	+19.900	− 8
14	[Ceti 49 G.]	5.23	A 3	0 27 7.753	+2.9997	− 25	−24 8 50.10	+19.913	+ 9
15	[λ¹ Phoenicis]	4.88	A 2	0 28 17.043	+2.8949	+ 122	−49 9 46.83	+19.903	+ 12
16	[κ Cassiop.]	4.24	B 0	0 29 17.356	+3.4023	+ 11	+62 34 23.93	+19.883	+ 3
17	ζ Cassiopeiae	3.72	B 3	0 33 20.298	+3.3374	+ 23	+53 32 21.93	+19.825	− 7
18	π Androm.	4.44	B 3	0 33 24.208	+3.2024	+ 17	+33 21 42.39	+19.832	0
19	[ε Androm.]	4.52	G 5	0 35 6.934	+3.1685	− 173	+28 57 32.64	+19.558	− 251
20	δ Androm.	3.49	K 2	0 35 50.792	+3.2062	+ 106	+30 30 20.23	+19.716	− 84
21	α Cassiopeiae	2.47	K 0	0 36 48.309	+3.3979	+ 60	+56 10 52.13	+19.757	− 29
22	β Ceti	2.24	K 0	0 40 19.645	+3.0115	+ 160	−18 20 35.28	+19.773	+ 39
23	[η Phoenicis]	4.53	A 0	0 40 26.418	+2.7007	+ 5	−57 49 10.85	+19.725	− 8
26	[λ² Sculptoris]	5.97	K 0	0 41 3.572	+2.8994	+ 178	−38 46 46.93	+19.838	+ 114
25	ο Cassiopeiae	4.70	B 2	0 41 5.602	+3.3392	+ 22	+47 55 43.97	+19.714	− 8
24	21 Cassiopeiae	5.59	A 2	0 41 19.096	+3.9391	− 57	+74 37 59.12	+19.696	− 23
27	ζ Androm.	4.30	K 0	0 43 53.309	+3.1782	− 75	+23 54 49.93	+19.599	− 79
28	[δ Piscium]	4.55	K 5	0 45 18.449	+3.1115	+ 52	+ 7 13 53.83	+19.608	− 46
31	[λ Hydri]	4.96	K 5	0 46 20.784	+2.0913	+ 397	−75 16 37.49	+19.609	− 27
29	[Br 82]	5.45	F 2 + A 2	0 46 45.877	+3.6315	+ 59	+63 53 38.71	+19.624	− 5
30	[19 Ceti]	5.24	F 5	0 46 52.244	+3.0044	− 159	−10 59 38.67	+19.404	− 223
34	[λ² Tucanae]	5.34	K 0	0 52 34.706	+2.2403	− 33	−69 52 42.30	+19.474	− 45
32	γ Cassiopeiae	2.25	B 0p	0 52 46.126	+3.6127	+ 37	+60 21 54.52	+19.511	− 4
33	μ Androm.	3.94	A 2	0 53 8.274	+3.3271	+ 129	+38 8 49.87	+19.544	+ 36
35	α Sculptoris	4.39	B 5	0 55 28.446	+2.8898	− 5	−29 42 31.03	+19.454	− 5
36	ε Piscium	4.45	K 0	0 59 34.036	+3.1129	− 55	+ 7 32 26.25	+19.401	+ 30
37	[26 Ceti]	6.07	F 0	1 0 28.225	+3.0872	+ 81	+ 1 1 7.57	+19.311	− 39
38	β Phoenicis	3.35	K 0	1 3 11.042	+2.6764	− 56	−47 4 0.31	+19.272	− 15
39	[ι Tucanae]	5.32	K 0	1 4 44.442	+2.3789	+ 100	−62 7 19.60	+19.245	− 4

Nr.	Name	Gr.	Spektrum	AR. 1935.0	Jährl. Veränderung	Jährl. Eigenbew. in 0s.0001	Dekl. 1935.0	Jährl. Veränderung	Jährl. Eigenbew. in 0".001
		M		h m s	s		° ' "	"	
40	[η Ceti]	3.60	K o	1 5 19.129	+3.0169	+ 137	—10 31 35.07	+19.104	—132
42	β Androm.	2.37	M a	1 6 5.150	+3.3569	+ 151	+35 16 35.14	+19.104	—113
41	[44 H. Cephei]	5.68	A o	1 6 34.905	+5.1378	+ 335	+79 19 43.72	+19.213	+ 9
43	[τ Piscium]	4.70	K o	1 8 4.475	+3.3020	+ 56	+29 44 41.62	+19.125	— 41
44	[Sculpt. 102 G.]	5.91	A 5	1 9 45.698	+2.7617	+ 39	—38 12 2.08	+19.095	— 27
45	υ Piscium	4.67	A 2	1 15 53.277	+3.2951	+ 15	+26 55 22.48	+18.944	— 11
47	ϑ Ceti	3.83	K o	1 20 46.419	+2.9984	— 55	— 8 31 5.77	+18.598	—214
46	[ψ Cassiop.]	4.96	K o	1 21 18.810	+4.2235	+ 135	+67 47 29.53	+18.828	+ 32
48	δ Cassiopeiae	2.80	A 5	1 21 32.742	+3.9158	+ 399	+59 53 53.45	+18.745	— 43
49	[γ Phoenicis]	3.40	K 5	1 25 32.570	+2.6043	— 38	—43 39 3.50	+18.446	—218
50	η Piscium	3.72	G 5	1 28 0.068	+3.2087	+ 15	+15 0 40.44	+18.577	— 7
53	[Hydri 14 G.]	6.06	G 5	1 33 12.051	+0.3880	— 70	—78 50 4.83	+18.281	—128
51	40 Cassiopeiae	5.50	K o	1 33 16.786	+4.7704	— 20	+72 42 35.05	+18.401	— 6
52	υ Persei	3.77	K o	1 33 59.454	+3.6773	+ 64	+48 17 58.49	+18.269	—113
54	α Eridani	0.60	B 5	1 35 17.787	+2.2357	+ 122	—57 33 59.84	+18.298	— 38
55	43 Cassiopeiae	5.54	A o p	1 37 29.849	+4.4274	+ 88	+67 42 54.82	+18.256	— 2
56	[ν Piscium]	4.68	K o	1 38 2.774	+3.1214	— 16	+ 5 9 33.27	+18.239	+ 2
58	[Sculpt. 129 G.]	5.64	A o	1 39 11.004	+2.6425	— 57	—37 9 35.18	+18.173	— 23
57	φ Persei	4.19	B o p	1 39 34.428	+3.7546	+ 26	+50 21 43.32	+18.167	— 15
59	τ Ceti	3.65	K o	1 41 2.887	+2.7870	—1194	—16 16 45.50	+18.980	+853
60	o Piscium	4.50	K o	1 41 57.489	+3.1670	+ 47	+ 8 49 52.44	+18.143	+ 50
61	Lac. ε Sculpt.	5.39	F o	1 42 36.037	+2.8085	+ 99	—25 22 38.07	+17.994	— 75
62	ζ Ceti	3.92	K o	1 48 15.055	+2.9608	+ 22	—10 39 19.91	+17.815	— 34
64	α Trianguli	3.58	F 5	1 49 22.209	+3.4180	+ 11	+29 15 46.57	+17.572	—233
63	ε Cassiopeiae	3.44	B 3	1 49 41.764	+4.3044	+ 50	+63 21 3.54	+17.777	— 15
65	ξ Piscium	4.84	K o	1 50 11.292	+3.1053	+ 13	+ 2 52 2.02	+17.791	+ 19
67	ψ Phoenicis	4.41	M b	1 51 2.457	+2.4049	— 94	—46 37 14.68	+17.636	—101
66	β Arietis	2.72	A 5	1 51 2.650	+3.3121	+ 65	+20 29 27.75	+17.628	—109
69	[η^2 Hydri]	4.72	K o	1 53 17.091	+1.5185	+ 119	—67 58 0.02	+17.724	+ 79
68	χ Eridani	3.73	G 5	1 53 25.678	+2.3338	+ 711	—51 55 56.29	+17.909	+270
72	α Hydri	3.02	F o	1 56 43.256	+1.8896	+ 360	—61 53 8.96	+17.521	+ 21
71	υ Ceti	4.18	M a	1 56 56.531	+2.8264	+ 91	—21 23 31.47	+17.477	— 14
70	50 Cassiopeiae	4.06	A 2	1 57 50.502	+5.0996	— 91	+72 6 28.76	+17.477	+ 25
73	γ Androm.	2.28 5.08	K o A o	1 59 53.998	+3.6788	+ 43	+42 1 7.10	+17.309	— 54
74	α Arietis	2.23	K 2	2 3 30.220	+3.3800	+ 137	+23 9 21.49	+17.060	—143
75	β Trianguli	3.08	A 5	2 5 40.094	+3.5672	+ 122	+34 40 50.64	+17.065	— 40
77	[6 Persei]	5.40	K o	2 9 16.168	+3.9846	+ 368	+50 45 53.52	+16.770	—169
76	55 Cassiopeiae	6.15	F 5 + A 2	2 9 21.258	+4.6942	— 10	+66 13 15.80	+16.938	+ 3
78	Lac. μ Forn.	5.24	A o	2 10 2.771	+2.6423	+ 13	—31 1 41.40	+16.905	+ 2
79	[γ Trianguli]	4.07	A o	2 13 26.571	+3.5639	+ 37	+33 32 51.43	+16.697	— 44

Mittlere Sternörter 1935.0

Nr.	Name	Gr.	Spektrum	AR. 1935.0	Jährl. Veränderung	Jährl. Eigenbew. in 0s.0001	Dekl. 1935.0	Jährl. Veränderung	Jährl. Eigenbew. in 0".001
		M		h m s	s		° ' "	"	
80	67 Ceti	5.70	G 5	2 13 44.379	+2.9917	+ 55	— 6 43 15.42	+16.617	—110
82	[φ Eridani]	3.78	B 8	2 14 11.182	+2.1423	+ 81	—51 48 45.67	+16.669	— 36
81	[ϑ Arietis]	5.69	A 0	2 14 30.321	+3.3355	— 10	+19 36 4.77	+16.688	— 2
83	[ϰ Fornacis]	5.37	F 5	2 19 34.088	+2.7451	+ 142	—24 6 39.77	+16.378	— 63
84	[λ Horologii]	5.47	F 2	2 23 4.804	+1.6771	— 95	—60 36 9.05	+16.126	—137
86	[ϰ Eridani]	4.44	B 5	2 24 36.061	+2.1975	— 2	—47 59 42.74	+16.162	— 23
85	ξ² Ceti	4.34	A 0	2 24 41.999	+3.1888	+ 26	+ 8 10 10.68	+16.176	— 4
88	[λ¹ Fornacis]	5.88	K 0	2 30 24.273	+2.4992	— 43	—34 56 7.36	+15.848	— 32
87	36 H. Cassiop.	5.34	K 0	2 31 48.465	+5.6791	— 60	+72 32 8.54	+15.827	+ 21
90	μ Hydri	5.29	K 0	2 33 0.176	—1.2977	+ 469	—79 23 35.34	+15.707	— 33
89	ν Arietis	5.36	A 2	2 35 7.217	+3.4048	— 9	+21 40 52.90	+15.610	— 16
91	δ Ceti	4.04	B 2	2 36 8.909	+3.0744	+ 7	+ 0 2 56.48	+15.567	— 2
95	[ε Hydri]	4.26	B 9	2 38 34.975	+0.9204	+ 168	—68 32 42.70	+15.438	+ 5
92	[Br 366]	5.84	A 2	2 39 12.211	+5.1456	+ 25	+67 33 0.27	+15.371	— 29
94	[35 Arietis]	4.58	B 3	2 39 37.886	+3.5184	+ 4	+27 25 54.07	+15.368	— 7
93	ϑ Persei	4.22	F 8	2 39 44.907	+4.0928	+ 346	+48 57 17.14	+15.280	— 89
96	[γ Ceti]	3.58	A 2	2 39 55.791	+3.1076	— 98	+ 2 57 46.14	+15.210	—148
97	π Ceti	4.39	B 5	2 41 1.680	+2.8547	— 8	—14 7 59.00	+15.288	— 9
98	μ Ceti	4.36	F 0	2 41 25.492	+3.2419	+ 189	+ 9 50 26.54	+15.243	— 31
99	[η Persei]	3.93	K 0	2 45 56.407	+4.3698	+ 28	+55 37 37.72	+15.005	— 11
100	41 Arietis	3.68	B 8	2 46 9.123	+3.5294	+ 51	+26 59 37.49	+14.890	—113
101	β Fornacis	4.50	K 0	2 46 22.168	+2.5103	+ 63	—32 40 41.22	+15.149	+159
102	τ² Eridani	4.81	K 0	2 48 5.370	+2.7208	— 39	—21 16 16.63	+14.861	— 29
103	τ Persei	4.06	G 0 + A 5	2 49 38.142	+4.2477	+ 3	+52 29 52.33	+14.798	— 2
104	η Eridani	4.05	K 0	2 53 15.034	+2.9304	+ 52	— 9 9 21.30	+14.366	—218
106	ϑ Eridani	3.42 4.42	A 2	2 55 47.654	+2.2724	— 67	—40 33 51.47	+14.459	+ 28
105	47 H. Cephei	5.66	M a	2 57 21.711	+7.9412	— 113	+79 9 52.70	+14.357	+ 22
107	α Ceti	2.82	M a	2 58 52.727	+3.1351	— 9	+ 3 50 8.75	+14.166	— 76
108	γ Persei	3.08	F 5 + A 3	3 0 4.498	+4.3391	+ 2	+53 15 12.09	+14.165	— 4
109	*ρ Persei	var.	M b	3 1 0.200	+3.8417	+ 114	+38 35 23.10	+14.008	—104
110	μ Horologii	5.16	F 0	3 2 4.633	+1.4106	— 117	—59 59 22.07	+13.976	— 68
113	[ϑ Hydri]	5.52	B 8	3 2 6.395	+0.1160	+ 51	—72 9 22.26	+14.064	+ 22
111	*β Persei	var.	B 8	3 3 55.874	+3.9004	+ 7	+40 42 23.72	+13.927	— 1
112	[ι Persei]	4.17	G 0	3 4 21.854	+4.3245	+1297	+49 21 59.21	+13.817	— 84
114	δ Arietis	4.53	K 0	3 7 54.463	+3.4292	+ 106	+19 28 55.65	+13.672	— 4
117	12 Eridani	3.95	F 8	3 9 18.492	+2.5471	+ 241	—29 14 32.77	+14.230	+644
116	[94 Ceti]	5.14	F 8	3 9 27.322	+3.0619	+ 136	— 1 26 17.28	+13.515	— 62
118	[Horol. 38 G.]	5.72	N a	3 10 54.076	+1.5166	— 5	—57 33 52.75	+13.477	— 6
115	48 H. Cephei	5.50	F 0	3 11 59.892	+7.5702	+ 183	+77 29 55.84	+13.368	— 44
119	[e Eridani]	4.30	G 5	3 17 19.938	+2.3957	+2785	—43 19 3.92	+13.791	+729

Nr. 109. Größe: Max. 3.3, Min. 4.1 Nr. 111. Größe: Max. 2.3, Min. 3.5

Nr.	Name	Gr.	Spektrum	AR. 1935.0	Jährl. Veränderung	Jährl. Eigenbew. in 0s.0001	Dekl. 1935.0	Jährl. Veränderung	Jährl. Eigenbew. in 0".001
		M		h m s	s		° ′ ″	″	
120	α Persei	1.90	F 5	3 19 40.261	+4.2785	+ 29	+49 37 52.97	+12.880	— 26
121	o Tauri	3.80	G 5	3 21 18.747	+3.2278	— 44	+ 8 48 4.62	+12.720	— 76
123	[ξ Tauri]	3.75	B 8	3 23 38.598	+3.2506	+ 39	+ 9 30 25.65	+12.593	— 45
122	2 H. Camelop.	4.42	B 9 p	3 23 47.287	+4.8498	— 1	+59 42 56.65	+12.635	+ 6
124	[σ Persei]	4.55	K o	3 25 58.920	+4.2261	+ 9	+47 46 20.84	+12.502	+ 23
125	f Tauri	4.28	K o	3 27 16.860	+3.3113	+ 13	+12 42 54.27	+12.385	— 5
126	[ϰ Reticuli]	4.80	F 5	3 28 14.028	+1.0413	+514	—63 9 59.20	+12.685	+360
127	ε Eridani	3.81	K o	3 29 52.022	+2.8265	—658	— 9 40 38.34	+12.225	+ 13
128	[Horol. 45 G.]	5.60	K o	3 30 38.147	+1.7845	+ 48	—50 35 54.72	+12.238	+ 80
130	[y Eridani]	4.58	K o	3 34 45.649	+2.1521	— 16	—40 29 13.24	+11.845	— 24
129	[Grb 716]	5.32	M a	3 36 29.708	+5.1967	— 21	+63 0 29.21	+11.769	+ 22
131	δ Persei	3.10	B 5	3 38 17.251	+4.2679	+ 33	+47 34 52.88	+11.584	— 35
133	[δ Fornacis]	4.93	B 5	3 39 39.719	+2.3854	— 5	—32 8 42.79	+11.528	+ 7
135	[δ Eridani].	3.72	K o	3 40 7.982	+2.8739	— 64	— 9 58 56.23	+12.234	+747
132	[o Persei]	3.94	B 1	3 40 14.223	+3.7605	+ 8	+32 5 1.36	+11.463	— 17
134	ν Persei	3.93	F 5	3 40 46.226	+4.0733	— 6	+42 22 29.17	+11.437	— 5
136	[17 Tauri]	3.81	B 5 p	3 41 0.680	+3.5614	+ 17	+23 54 37.40	+11.381	— 44
137	[24 Eridani]	5.09	B 8	3 41 12.300	+3.0469	+ 1	— 1 22 1.21	+11.402	— 8
141	β Reticuli	3.80	K o	3 43 22.656	+0.7481	+477	—65 0 41.08	+11.314	+ 61
138	5 H. Camelop.	4.67	A o	3 43 27.757	+6.3141	+ 42	+71 8 4.16	+11.207	— 40
139	η Tauri	2.96	B 5 p	3 43 36.989	+3.5652	+ 17	+23 54 19.83	+11.189	— 48
140	τ^6 Eridani	4.33	F 8	3 44 3.002	+2.5802	—124	—23 26 26.17	+10.686	—519
142	[27 Tauri]	3.80	B 8	3 45 17.570	+3.5661	+ 14	+23 51 21.86	+11.070	— 45
143	g Eridani	4.24	K o	3 47 1.282	+2.2452	— 40	—36 23 46.46	+10.937	— 52
146	γ Hydri	3.17	M a	3 48 13.477	—0.9415	+124	—74 26 19.38	+11.009	+109
144	ζ Persei	2.91	B 1	3 50 2.468	+3.7700	+ 11	+31 41 31.58	+10.755	— 11
145	*9 H. Camelop.	5.22	K o + A o	3 51 34.713	+5.1081	— 3	+60 55 13.61	+10.637	— 16
147	ε Persei	2.96	B 1	3 53 29.126	+4.0240	+ 23	+39 49 25.50	+10.482	— 29
148	ξ Persei	4.05	Oe 5	3 54 44.525	+3.8915	+ 10	+35 36 20.16	+10.409	— 8
149	γ Eridani	3.19	K 5	3 54 59.733	+2.7989	+ 42	—13 41 32.48	+10.287	—112
150	*λ Tauri	var.	B 3	3 57 4.562	+3.3231	— 5	+12 18 28.82	+10.229	— 13
151	ν Tauri	3.94	A o	3 59 41.783	+3.1911	+ 4	+ 5 48 36.56	+10.035	— 10
153	[Erid. 174 G.]	5.57	A 5	4 2 56.631	+2.4724	+148	—27 49 42.86	+ 9.906	+108
152	c Persei	4.03	B 3 p	4 3 56.100	+4.3533	+ 33	+47 32 26.63	+ 9.690	— 32
154	o^1 Eridani	4.14	F 2	4 8 41.481	+2.9285	+ 8	— 7 0 21.17	+ 9.438	+ 82
155	α Horologii	3.83	K o	4 11 50.708	+1.9861	+ 20	—42 27 14.33	+ 8.893	—219
156	α Reticuli	3.36	G 5	4 13 34.912	+0.7695	+ 50	—62 38 10.24	+ 9.023	+ 47
157	[γ Doradus]	4.36	F 5	4 14 19.185	+1.5693	+ 89	—51 39 0.36	+ 9.090	+171
160	υ^4 Eridani	3.59	B 9	4 15 25.950	+2.2689	+ 37	—33 57 22.27	+ 8.819	— 12
159	[γ Tauri]	3.86	K o	4 16 5.489	+3.4137	+ 82	+15 28 19.31	+ 8.750	— 29

Nr. 145. Doppelstern, Größe der Komponenten: 5.0 und 8.2

Nr. 150. Größe: Max. 3.3, Min. 4.2

Mittlere Sternörter 1935.0

Nr.	Name	Gr.	Spektrum	AR. 1935.0	Jährl. Veränderung	Jährl. Eigenbew. in 0s.0001	Dekl. 1935.0	Jährl. Veränderung	Jährl. Eigenbew. in 0".001
		M		h m s	s		° ′ ″	″	
158	[54 Persei]	5.10	G 5	4 16 11.095	+3.8941	− 20	+34 24 41.25	+8.766	− 6
161	[Erid. 212 G.]	5.31	A 0	4 17 48.924	+2.6188	+ 36	−20 47 35.75	+8.659	+ 15
162	δ Tauri	3.93	K 0	4 19 11.007	+3.4595	+ 78	+17 23 29.41	+8.504	− 31
163	[η Reticuli]	5.18	K 0	4 21 10.880	+0.6465	+127	−63 32 26.01	+8.537	+160
166	[δ Mensae]	5.62	K 0 p	4 22 19.216	−4.0862	+100	−80 22 4.17	+8.358	+ 71
164	ε Tauri	3.63	K 0	4 24 49.110	+3.5029	+ 80	+19 2 16.06	+8.052	− 36
165	*[1 Camel. seq.]	5.42	B 1	4 26 52.401	+4.7490	+ 7	+53 46 17.84	+7.923	0
167	[δ Caeli]	5.16	B 3	4 28 50.542	+1.8365	− 6	−45 5 33.58	+7.747	− 17
168	α Tauri	1.06	K 5	4 32 11.302	+3.4421	+ 48	+16 22 48.43	+7.305	−189
171	α Doradus	3.47	A 0 p	4 32 35.501	+1.2970	+ 71	−55 10 43.04	+7.464	+ 3
170	[υ² Eridani]	3.88	K 0	4 33 1.323	+2.3316	− 46	−30 41 39.44	+7.420	− 6
169	ν Eridani	4.12	B 2	4 33 4.194	+2.9977	+ 2	− 3 29 2.66	+7.417	− 4
172	53 Eridani	3.98	K 0	4 35 12.130	+2.7470	− 54	−14 25 47.94	+7.084	−164
174	τ Tauri	4.33	B 5	4 38 20.478	+3.6008	+ 5	+22 50 1.61	+6.972	− 19
173	Grb 848	6.04	F 0	4 40 3.081	+8.0559	+105	+75 49 35.24	+6.718	−134
176	[μ Eridani]	4.18	B 5	4 42 15.079	+3.0001	+ 13	− 3 22 20.93	+6.658	− 12
175	4 Camelop.	5.35	A 2	4 42 34.803	+4.9942	+ 60	+56 38 38.24	+6.497	−146
177	[μ Mensae]	5.69	B 9	4 43 42.307	−0.6035	+ 17	−71 3 1.81	+6.578	+ 28
178	9 Camelop.	4.38	B 0	4 47 34.425	+5.9580	+ 5	+66 14 6.00	+6.239	+ 10
179	[π⁴ Orionis]	3.78	B 3	4 47 44.551	+3.1952	0	+ 5 29 42.90	+6.208	− 7
180	π⁵ Orionis	3.87	B 3	4 50 51.839	+3.1249	− 2	+ 2 20 8.03	+5.952	− 3
181	ι Aurigae	2.90	K 2	4 52 45.464	+3.9068	+ 10	+33 3 53.72	+5.777	− 20
183	*ε Aurigae	var.	F 5 p	4 57 18.027	+4.3043	+ 6	+43 43 44.22	+5.402	− 14
182	10 Camelop.	4.22	G 0 p	4 57 37.650	+5.3340	− 1	+60 20 58.91	+5.376	− 12
184	ι Tauri	4.70	A 5	4 59 12.523	+3.5863	+ 53	+21 29 55.45	+5.212	− 43
185	η Aurigae	3.28	B 3	5 1 57.189	+4.2067	+ 33	+41 8 54.38	+4.951	− 71
186	ε Leporis	3.29	K 5	5 2 42.539	+2.5398	+ 20	−22 27 25.75	+4.891	− 68
187	[η² Pictoris]	4.92	K 5	5 3 16.720	+1.5508	+ 35	−49 39 54.01	+4.916	+ 6
189	[ζ Doradus]	4.76	F 8	5 4 23.504	+1.0251	− 70	−57 33 40.17	+4.919	+103
188	β Eridani	2.92	A 3	5 4 39.209	+2.9497	− 59	− 5 10 8.86	+4.715	− 79
190	[λ Eridani]	4.34	B 2	5 6 2.103	+2.8713	+ 3	− 8 50 10.11	+4.672	− 4
192	μ Aurigae	4.78	A 3	5 8 58.643	+4.1050	− 13	+38 24 33.60	+4.347	− 79
194	β Orionis	0.34	B 8 p	5 11 24.781	+2.8831	+ 2	− 8 16 31.48	+4.217	0
191	19 H. Camelop.	5.16	F 8	5 11 48.313	+9.8674	−310	+79 9 39.86	+4.345	+161
193	α Aurigae	0.21	G 0	5 11 53.040	+4.4316	+ 84	+45 56 2.06	+3.749	−428
196	ϑ Doradus	4.78	K 0	5 13 48.134	−0.0489	+ 15	−67 15 30.35	+4.052	+ 39
195	[τ Orionis]	3.68	B 5	5 14 26.955	+2.9130	− 12	− 6 54 47.91	+3.951	− 7
197	[ο Columbae]	4.91	K 0	5 15 8.331	+2.1629	+ 62	−34 57 27.49	+3.570	−329
198	[Columb. 12 G.]	5.75	A 0	5 16 48.245	+2.3924	+ 8	−27 26 4.70	+3.744	− 11
199	[ζ Pictoris]	5.52	F 8	5 17 46.320	+1.4704	+ 9	−50 40 30.49	+3.899	+227

Nr. 165. Doppelstern, Größe der Komponenten: 5.86 und 6.61

Nr. 183. Größe: Max. 3.4, Min. 4.1

Nr.	Name	Gr.	Spektrum	AR. 1935.0	Jährl. Veränderung	Jährl. Eigenbew. in 0s.0001	Dekl. 1935.0	Jährl. Veränderung	Jährl. Eigenbew. in 0".001
		M		h m s	s		° ' "	"	
200	[η Orion. med.]	3.44	B 1	5 21 12.508	+3.0170	+ 5	− 2 27 19.88	+3.378	+ 1
201	γ Orionis	1.70	B 2	5 21 38.631	+3.2180	− 3	+ 6 17 31.78	+3.319	− 20
202	β Tauri	1.78	B 8	5 22 10.891	+3.7928	+ 25	+28 33 15.45	+3.116	−177
203	17 Camelop.	5.75	K 5	5 24 1.489	+5.6647	− 3	+63 0 56.04	+3.132	− 1
204	[β Leporis]	2.96	G 0	5 25 27.620	+2.5713	+ 4	−20 48 36.63	+2.916	− 93
206	δ Orionis	2.48 6.87	B 0	5 28 41.087	+3.0650	0	− 0 20 45.04	+2.728	− 2
207	α Leporis	2.69	F 0	5 29 51.762	+2.6461	+ 2	−17 52 3.42	+2.630	+ 2
205	Grb 966	6.36	K 5	5 31 1.306	+8.0209	− 8	+75 0 16.10	+2.547	+ 20
208	[φ¹ Orionis]	4.53	B 0	5 31 15.066	+3.2935	− 1	+ 9 26 49.08	+2.498	− 10
209	ι Orionis	2.87	Oe 5	5 32 15.183	+2.9352	+ 4	− 5 57 4.67	+2.416	− 4
210	ε Orionis	1.75	B 0	5 32 54.861	+3.0443	+ 1	− 1 14 31.42	+2.360	− 3
212	β Doradus	3.81	F 5 p	5 33 3.502	+0.5190	− 13	−62 31 55.80	+2.349	− 2
211	ζ Tauri	3.00	B 3 p	5 33 45.549	+3.5859	+ 6	+21 6 16.22	+2.264	− 26
214	[γ Mensae]	5.06	K 0	5 34 26.778	−2.3828	+285	−76 23 17.78	+2.528	+298
213	[σ Orionis]	3.78	B 0	5 35 28.931	+3.0118	0	− 2 38 10.37	+2.139	− 1
215	α Columbae	2.75	B 5 p	5 37 17.646	+2.1723	− 2	−34 6 28.53	+1.945	− 37
216	ο Aurigae	5.52	A 0	5 40 51.804	+4.6482	− 6	+49 47 59.73	+1.663	− 9
217	[γ Leporis]	3.80	F 8	5 41 45.235	+2.5020	−201	−22 28 6.64	+1.219	−375
218	[130 Tauri]	5.51	F 0	5 43 38.785	+3.4989	+ 4	+17 42 23.08	+1.423	− 6
219	ζ Leporis	3.67	A 2	5 44 0.576	+2.7185	− 12	−14 50 41.71	+1.396	− 2
220	κ Orionis	2.20	B 0	5 44 40.397	+2.8457	+ 4	− 9 41 29.06	+1.336	− 3
221	[ν Aurigae]	4.18	K 0	5 46 59.020	+4.1580	− 4	+39 7 53.21	+1.149	+ 11
222	[δ Leporis]	3.90	K 0	5 48 31.540	+2.5802	+165	−20 53 0.58	+0.350	−653
223	[β Columbae]	3.22	K 0	5 48 40.009	+2.1141	+ 34	−35 47 30.23	+1.394	+404
224	α Orionis	0.92	M a	5 51 39.139	+3.2484	+ 20	+ 7 23 47.53	+0.743	+ 13
226	[η Leporis]	3.77	F 0	5 53 26.647	+2.7329	− 27	−14 10 41.85	+0.713	+140
225	δ Aurigae	3.88	K 0	5 54 10.492	+4.9408	+100	+54 16 55.46	+0.387	−122
227	β Aurigae	2.07	A 0 p	5 54 45.664	+4.4020	− 42	+44 56 34.13	+0.451	− 8
228	ϑ Aurigae	2.71	A 0 p	5 55 17.343	+4.0923	+ 49	+37 12 35.46	+0.325	− 87
229	η Columbae	4.03	K 0	5 57 9.426	+1.8371	+ 22	−42 49 5.42	+0.215	− 34
230	[66 Orionis]	5.70	K 0	6 1 32.259	+3.1697	− 6	+ 4 9 49.18	−0.149	− 15
231	[Puppis 1 G.]	6.22	F 8	6 2 36.147	+1.7269	− 83	−45 2 8.28	+0.004	+232
232	ν Orionis	4.40	B 2	6 3 51.663	+3.4265	+ 11	+14 46 39.62	−0.369	− 31
233	[36 Camelop.]	5.39	K 0	6 6 18.690	+6.0355	− 5	+65 44 3.01	−0.581	− 29
235	[δ Pictoris]	4.84	B 1	6 9 1.858	+1.1671	− 22	−54 57 13.43	−0.797	− 7
236	*η Geminor.	var.	M a	6 10 57.269	+3.6224	− 42	+22 31 38.47	−0.971	− 13
234	22 H. Camelop.	4.73	A 0	6 11 41.272	+6.6148	+ 15	+69 20 45.18	−1.124	−102
239	[α Mensae]	5.14	K 0	6 12 10.364	−1.7920	+233	−74 43 54.20	−1.291	−227
237	[2 Lyncis]	4.42	A 0	6 13 53.407	+5.2954	− 7	+59 2 13.21	−1.185	+ 29
238	[κ Columbae]	4.51	K 0	6 14 14.348	+2.1344	− 6	−35 7 4.88	−1.170	+ 74

Nr. 236. Größe: Max. 3.3, Min. 4.2

Mittlere Sternörter 1935.0

Nr.	Name	Gr.	Spektrum	AR. 1935.0	Jährl. Veränderung	Jährl. Eigenbew. in 0s.0001	Dekl. 1935.0	Jährl. Veränderung	Jährl. Eigenbew. in 0".001
		M		h m s	s		° ' "	"	
240	ζ Canis maj.	3.10	B 3	6 17 49.026	+ 2.3030	+ 2	−30 2 0.14	−1.553	+ 4
241	μ Geminor.	3.19	M a	6 19 1.739	+ 3.6307	+ 48	+22 32 55.23	−1.773	− 111
243	β Canis maj.	1.99	B 1	6 19 50.207	+ 2.6420	− 4	−17 55 20.58	−1.731	+ 2
242	ψ¹ Aurigae	5.10	K 2	6 19 53.668	+ 4.6228	+ 9	+49 19 23.70	−1.741	− 3
244	8 Monocer.	4.48 6.54	A 5	6 20 19.450	+ 3.1800	− 7	+ 4 37 38.18	−1.771	+ 4
245	α Argus	−0.86	F 0	6 22 30.460	+ 1.3315	+ 16	−52 39 34.57	−1.954	+ 11
246	10 Monocer.	4.98	B 3	6 24 44.994	+ 2.9631	− 2	− 4 43 14.03	−2.155	+ 5
247	8 Lyncis	6.05	G 0	6 31 45.293	+ 5.4862	−285	+61 32 26.98	−3.045	− 276
249	ξ² Canis maj.	4.54	A 0	6 32 19.899	+ 2.5143	+ 5	−22 54 43.78	−2.805	+ 13
251	γ Geminor.	1.93	A 0	6 33 57.466	+ 3.4668	+ 34	+16 27 22.80	−3.005	− 46
250	51 Aurigae	5.71	K 0	6 34 9.399	+ 4.1585	− 19	+39 27 0.02	−3.091	− 114
248	23 H.Camelop.	5.60	F 8	6 35 10.573	+10.2661	−300	+79 38 22.05	−3.686	− 622
252	ν Argus	3.18	B 8	6 35 46.313	+ 1.8357	− 4	−43 8 17.82	−3.136	− 20
253	*S Monocer.	4.68	Oe 5	6 37 23.956	+ 3.3051	+ 6	+ 9 57 26.58	−3.262	− 5
254	ε Geminor.	3.18	G 5	6 39 56.082	+ 3.6925	+ 3	+25 11 49.88	−3.490	− 15
256	ξ Geminor.	3.40	F 5	6 41 38.529	+ 3.3681	− 75	+12 58 1.73	−3.821	− 199
255	[ψ⁵ Aurigae]	5.34	G 0	6 42 3.443	+ 4.3267	+ 7	+43 38 38.30	−3.504	+ 154
257	*α Canis maj.	−1.58	A 0	6 42 17.123	+ 2.6436	−371	−16 37 32.77	−4.889	−1211
258	18 Monocer.	4.70	K 0	6 44 28.364	+ 3.1297	− 2	+ 2 29 4.61	−3.885	− 20
264	[ζ Mensae]	5.64	A 2	6 45 29.320	− 4.9714	− 33	−80 44 48.71	−3.868	+ 85
259	[43 Camelop.]	5.13	B 5	6 46 42.466	+ 6.4777	+ 16	+68 58 0.29	−4.054	+ 3
262	α Pictoris	3.30	A 5	6 47 31.554	+ 0.6170	− 99	−61 52 16.75	−3.871	+ 256
263	[τ Argus]	2.83	K 0	6 48 19.376	+ 1.4887	+ 29	−50 32 12.49	−4.291	− 96
261	ϑ Geminor.	3.64	A 2	6 48 30.447	+ 3.9563	+ 7	+34 2 28.88	−4.266	− 55
260	[24 H. Camel.]	4.75	K 5	6 50 36.952	+ 8.7709	+216	+77 3 50.95	−4.405	− 14
266	ϑ Canis maj.	4.25	K 2	6 51 10.203	+ 2.7877	− 94	−11 57 21.37	−4.451	− 13
265	15 Lyncis	4.54	G 0	6 51 39.278	+ 5.1992	− 1	+58 30 37.25	−4.609	− 130
267	[ι Volantis]	5.52	B 8	6 52 11.969	− 0.6830	− 4	−70 52 58.08	−4.514	+ 12
268	ε Canis maj.	1.63	B 1	6 56 4.228	+ 2.3578	0	−28 52 57.16	−4.854	+ 1
269	*ζ Geminor.	var.	G 0 p	7 0 15.332	+ 3.5597	0	+20 40 2.18	−5.212	− 3
270	[o² Canis maj.]	3.12	B 5 p	7 0 18.610	+ 2.5054	− 2	−23 44 13.98	−5.214	0
271	γ Canis maj.	4.07	B 5	7 0 49.104	+ 2.7153	+ 8	−15 32 9.81	−5.269	− 12
272	[Carinae 27 G.]	5.30	A 0	7 3 5.536	+ 1.1166	− 24	−56 39 2.01	−5.456	− 7
273	δ Canis maj.	1.98	F 8 p	7 5 44.858	+ 2.4391	− 8	−26 17 20.07	−5.668	+ 3
274	63 Aurigae	5.07	K 2	7 7 11.301	+ 4.1293	+ 45	+39 25 42.37	−5.792	0
275	[J Puppis]	4.47	F 0	7 10 42.357	+ 1.7096	−147	−46 39 0.31	−5.995	+ 91
276	[64 Aurigae]	5.75	A 3	7 13 31.319	+ 4.1750	− 3	+41 0 1.85	−6.317	+ 3
277	λ Geminor.	3.65	A 2	7 14 21.545	+ 3.4489	− 31	+16 39 32.75	−6.433	− 44
278	π Argus	2.74	K 5	7 14 50.773	+ 2.1186	− 14	−36 58 47.45	−6.427	+ 3
279	δ Geminor.	3.51	F 0	7 16 14.611	+ 3.5849	− 11	+22 6 13.25	−6.556	− 10

Nr. 253. Doppelstern, Größe der Komponenten: 6.0 und 8.8. Nr. 257. Ort des Schwerpunktes. Die Reduktion auf den Hauptstern ist nach den Elementen von Auwers A. N. 3085

1935.0 $\Delta\alpha = -0^s.094$ $\Delta\delta = -2''.14$

1936.0 $= -0.076$ $= -2.05$

Nr. 269. Größe: Max. 3.7, Min. 4.3

Nr.	Name	Gr.	Spektrum	AR. 1935.0	Jährl. Veränderung	Jährl. Eigenbew. in 0s.0001	Dekl. 1935.0	Jährl. Veränderung	Jährl. Eigenbew. in 0".001
		M		h m s	s		° ' "	"	
281	δ Volantis	4.02	F 5	7 16 52.233	—0.0245	+ 4	—67 50 18.29	— 6.610	— 12
280	19 Lyncis seq.	5.61	B 8	7 17 34.310	+4.9004	— 1	+55 24 21.59	— 6.690	— 34
283	[η Can. maj.]	2.43	B 5 p	7 21 31.425	+2.3732	— 5	—29 10 30.33	— 6.967	+ 13
282	ι Geminor.	3.89	K 0	7 21 41.573	+3.7285	— 83	+27 55 44.22	— 7.080	— 85
285	β Canis min.	3.09	B 8	7 23 37.633	+3.2547	— 31	+ 8 25 18.23	— 7.193	— 40
284	Grb 1308	5.80	K 0	7 24 8.099	+6.2550	— 7	+68 36 3.98	— 7.238	— 44
286	ρ Geminor.	4.18	F 0	7 24 56.036	+3.8609	+122	+31 54 56.04	— 7.077	+ 183
287	*α Geminor.	2.85 1.99	A 0	7 30 27.279	+3.8319	—129	+32 1 59.69	— 7.788	— 81
288	[Pupp. 108 G.]	4.52	F 8	7 31 16.197	+2.5676	— 39	—22 9 17.75	— 7.755	+ 18
289	25 Monocer.	5.17	F 5	7 34 2.824	+2.9833	— 47	— 3 57 52.32	— 7.976	+ 20
290	[*f* Puppis]	4.62	B 8	7 34 57.746	+2.2195	— 27	—34 49 16.72	— 8.053	+ 16
291	*α Canis min.	0.48	F 5	7 35 54.032	+3.1412	—470	+ 5 23 34.69	— 9.172	—1027
292	24 Lyncis	4.96	A 2	7 37 31.121	+5.0831	— 47	+58 51 52.56	— 8.327	— 53
293	[26 Monocer.]	4.07	K 0	7 38 8.485	+2.8661	— 57	— 9 23 53.82	— 8.345	— 21
294	ϰ Geminor.	3.68	G 5	7 40 31.611	+3.6242	— 15	+24 33 19.53	— 8.567	— 54
295	β Geminor.	1.21	K 0	7 41 20.512	+3.6734	—468	+28 11 5.10	— 8.629	— 52
297	ζ Volantis	3.89	K 0	7 42 37.698	—0.7349	+ 8	—72 27 1.18	— 8.671	+ 8
296	π Geminor.	5.29	K 2	7 43 19.213	+3.8713	— 1	+33 34 36.67	— 8.764	— 31
298	[Pupp. 205 G.]	5.34	G 0	7 48 45.737	+2.7786	— 41	—13 43 27.87	— 9.502	— 343
301	[α Puppis]	3.76	G 5	7 49 58.913	+2.0621	— 18	—40 24 26.17	— 9.253	+ 1
299	[26 Lyncis]	5.69	K 0	7 49 59.207	+4.3732	— 40	+47 44 5.47	— 9.261	— 6
300	Grb 1374	5.56	K 0	7 52 27.209	+7.2060	— 31	+74 5 40.49	— 9.477	— 32
303	χ Argus	3.60	B 3	7 55 7.636	+1.5264	— 32	—52 48 25.92	— 9.627	+ 24
302	[53 Camelop.]	6.00	A 2 p	7 56 10.309	+5.1352	— 30	+60 30 15.11	— 9.752	— 21
304	[27 Monocer.]	5.06	K 0	7 56 29.428	+2.9989	— 27	— 3 30 3.50	— 9.746	+ 9
305	χ Geminor.	5.04	K 0	7 59 31.804	+3.6870	— 15	+27 58 41.01	—10.032	— 46
306	ζ Argus	2.27	O d	8 1 17.906	+2.1079	— 34	—39 49 9.08	—10.110	+ 10
307	27 Lyncis	4.87	A 2	8 3 34.673	+4.5188	— 59	+51 41 45.11	—10.296	— 4
308	ι Navis	2.88	F 5	8 4 46.518	+2.5549	— 64	—24 6 57.25	—10.335	+ 47
309	γ Argus	2.22	O a p	8 7 31.724	+1.8488	— 12	—47 8 39.67	—10.591	— 4
311	20 Navis	5.05	G 5	8 10 20.735	+2.7580	— 8	—15 35 28.72	—10.801	— 6
310	Br 1147	5.73	G 5	8 11 25.597	+7.5670	+ 58	+75 57 29.95	—10.858	+ 17
312	β Cancri	3.76	K 2	8 12 59.533	+3.2548	— 30	+ 9 23 13.68	—11.041	— 52
313	[*q* Puppis]	4.43	A 5	8 16 7.219	+2.2445	—104	—36 27 25.32	—11.128	+ 89
314	31 Lyncis	4.43	K 5	8 18 23.613	+4.1123	— 8	+43 23 53.22	—11.489	— 108
315	ε Argus	1.74	K 0 + B	8 21 10.959	+1.2330	— 32	—59 17 59.07	—11.566	+ 15
316	Br 1197	3.95	A 0	8 22 24.830	+2.9988	— 41	— 3 41 35.42	—11.690	— 21
318	ϑ Chamael.	4.26	K 0	8 22 37.295	—1.7812	—458	—77 16 31.80	—11.653	+ 31
317	ο Ursae maj.	3.47	G 0	8 24 52.886	+4.9954	—174	+60 56 14.45	—11.954	— 110
319	[β Volantis]	3.65	K 0	8 25 2.147	+0.6565	— 55	—65 55 11.58	—12.032	— 177

Nr. 287. Rektaszension der Mitte, Deklination des folgenden, helleren Sterns. Nr. 291. Ort des Schwerpunktes. Die Reduktion auf den Ort des hellen Sterns beträgt nach den Elementen von Auwers A. N. 3929

1935.0 $\Delta\alpha = +0^s.066$ $\Delta\delta = -0''.28$
1936.0 $= +0.065$ $= -0.38$

Nr.	Name	Gr.	Spektrum	AR. 1935.0	Jährl. Veränderung	Jährl. Eigenbew. in 0ˢ.0001	Dekl. 1935.0	Jährl. Veränderung	Jährl. Eigenbew. in 0″.001
		M		h m s	s		° ′ ″	″	
320	Grb 1450	6.05	K 0	8 28 41.843	+3.9038	— 83	+38 14 26.88	—12.281	—170
321	η Cancri	5.52	K 0	8 28 57.217	+3.4716	— 26	+20 39 47.67	—12.179	— 50
322	[Grb 1446]	6.29	K 0	8 32 31.632	+6.7012	— 37	+73 51 33.61	—12.481	—104
323	[Grb 1460]	6.03	K 0	8 34 29.321	+4.4517	— 38	+52 56 27.42	—12.546	— 35
324	[e Velorum]	4.13	A 5	8 35 21.407	+2.1083	— 22	—42 45 39.77	—12.577	— 7
325	[6 Hydrae]	5.15	K 2	8 36 56.674	+2.8420	— 64	—12 14 40.36	—12.681	— 3
327	α Pyxidis	3.70	B 2	8 40 58.769	+2.4104	— 15	—32 57 4.11	—12.938	+ 12
326	δ Cancri	4.17	K 0	8 40 59.673	+3.4113	— 9	+18 23 39.73	—13.186	—236
328	ι Cancri	6.61 4.20	A 5 G 5	8 42 46.135	+3.6334	— 12	+28 59 56.17	—13.116	— 47
330	δ Argus	2.01	A 0	8 42 54.545	+1.6570	+ 21	—54 28 11.52	—13.171	— 93
329	[ε Hydrae]	3.48	F 8	8 43 20.157	+3.1784	— 126	+ 6 39 30.45	—13.156	— 50
331	[η Chamael.]	5.62	B 9	8 43 34.591	—2.0100	— 151	—78 43 40.64	—13.088	+ 34
332	[γ Pyxidis]	4.19	K 2	8 47 46.374	+2.5463	— 99	—27 28 3.90	—13.304	+ 94
333	[ρ²Cancri med.]	5.60	K 0	8 50 17.045	+3.6633	+ 31	+30 49 36.35	—13.586	— 26
334	ζ Hydrae	3.30	K 0	8 51 57.590	+3.1726	— 64	+ 6 11 38.49	—13.655	+ 12
336	c Carinae	3.98	B 8	8 53 34.592	+1.3614	— 26	—60 23 43.91	—13.719	+ 52
335	ι Ursae maj.	3.12	A 5	8 54 46.068	+4.1137	— 437	+48 17 53.16	—14.092	—246
337	α Cancri	4.27	A 3	8 54 56.099	+3.2828	+ 26	+12 6 37.60	—13.892	— 35
339	10 Ursae maj.	4.09	F 5	8 56 25.758	+3.8999	— 383	+42 2 28.64	—14.214	—264
338	[ρ Ursae maj.]	4.99	M a	8 56 42.779	+5.4278	— 34	+67 53 4.96	—13.954	+ 15
341	κ Ursae maj.	3.68	A 0	8 59 11.880	+4.1019	— 27	+47 24 53.54	—14.188	— 65
340	[Grb 1501]	5.68	A 2	8 59 15.448	+4.4032	— 8	+54 32 29.54	—14.125	+ 3
343	α Volantis	4.18	A 5	9 1 25.509	+0.9496	— 8	—66 8 11.28	—14.375	—114
342	[c Velorum]	3.69	K 0	9 1 54.589	+2.0669	— 70	—46 50 18.30	—14.319	— 28
344	σ² Ursae maj.	4.87	F 8	9 4 42.072	+5.2942	— 17	+67 24 0.93	—14.529	— 67
345	λ Argus	2.22	K 5	9 5 36.166	+2.2052	— 33	—43 10 9.84	—14.506	+ 9
346	[36 Lyncis]	5.30	B 8	9 9 33.695	+3.9293	— 18	+43 29 12.77	—14.794	— 42
347	ϑ Hydrae	3.84	A 0	9 10 59.058	+3.1225	+ 89	+ 2 35 22.09	—15.149	—313
348	β Argus	1.80	A 0	9 12 29.683	+0.6633	— 304	—69 26 57.40	—14.827	+ 97
349	[38 Lyncis]	3.82	A 2	9 14 48.413	+3.7376	— 18	+37 4 43.66	—15.188	—129
351	[ι Argus]	2.25	F 0	9 15 20.973	+1.6056	— 35	—59 0 7.20	—15.088	+ 2
350	*83 Cancri	6.60	F 5	9 15 21.429	+3.3504	— 80	+17 58 54.86	—15.226	—135
352	40 Lyncis	3.30	K 5	9 17 6.090	+3.6581	— 178	+34 40 6.60	—15.178	+ 12
353	κ Argus	2.63	B 3	9 20 5.945	+1.8569	— 22	—54 43 57.03	—15.358	+ 2
354	α Hydrae	2.16	K 2	9 24 23.638	+2.9487	— 7	— 8 22 33.44	—15.567	+ 32
355	h Ursae maj.	3.75	F 0	9 26 25.638	+4.7432	+ 168	+63 20 50.86	—15.682	+ 28
356	[ε Antliae]	4.64	K 2	9 26 33.642	+2.4753	— 25	—35 39 59.22	—15.731	— 14
359	ψ Argus	3.64	F 5	9 28 8.261	+2.3616	— 172	—40 10 52.88	—15.728	+ 74
358	ϑ Ursae maj.	3.26	F 8 p	9 28 31.340	+4.0193	—1027	+51 58 28.77	—16.368	—545
357	d Ursae maj.	4.57	G 0	9 28 46.240	+5.3260	— 119	+70 7 3.29	—15.762	+ 75

Nr. 350. Größe aus Harvard 54 entnommen.

Nr.	Name	Gr.	Spektrum	AR. 1935.0	Jährl. Veränderung	Jährl. Eigenbew. in 0s.0001	Dekl. 1935.0	Jährl. Veränderung	Jährl. Eigenbew. in 0″.001
		M		h m s	s		° ′ ″	″	
361	[N Velorum]	3.04	K 5	9 29 14.813	+1.8234	— 36	—56 44 49.15	—15.860	+ 1
360	10 Leon. min.	4.62	G 5	9 30 14.924	+3.6794	+ 13	+36 41 13.96	—15.941	— 26
362	[H. Carinae]	5.52	K 2	9 31 7.808	+0.4571	— 61	—72 47 33.28	—15.979	— 17
363	[Grb 1564]	5.74	K 0	9 36 43.004	+5.1554	—131	+69 32 5.05	—16.326	— 73
364	[κ Hydrae]	4.96	B 3	9 37 11.404	+2.8762	— 18	—14 2 11.18	—16.288	— 11
365	[o Leonis]	3.76	F 5 + A 3	9 37 41.045	+3.2033	— 94	+10 11 20.20	—16.339	— 37
366	ϑ Antliae	4.98	F 5 p	9 41 18.172	+2.6737	— 40	—27 28 16.05	—16.449	+ 35
367	ε Leonis	3.12	G 0 p	9 42 9.969	+3.4077	— 31	+24 4 27.87	—16.544	— 17
369	υ Argus	3.15 6.03	F 0	9 45 28.684	+1.5003	— 21	—64 46 12.28	—16.690	— 1
368	υ Ursae maj.	3.89	F 0	9 46 23.141	+4.2763	—379	+59 20 44.15	—16.887	—154
370	6 Sextantis	6.00	A 2	9 47 57.553	+3.0236	+ 8	— 3 56 16.67	—16.838	— 30
371	[μ Leonis]	4.10	K 0	9 49 4.285	+3.4141	—162	+26 18 50.39	—16.917	— 56
373	[Hydrae 183 G.]	5.16	M a	9 51 48.269	+2.8305	— 25	—18 42 3.84	—17.055	— 66
372	Grb 1586	5.96	K 0	9 52 36.965	+5.3889	—179	+73 11 23.37	—17.072	— 45
374	[19 Leon. min.]	5.19	F 5	9 53 42.716	+3.6790	—100	+41 21 57.85	—17.104	— 27
375	[φ Argus]	3.70	B 5	9 54 34.676	+2.1048	— 21	—54 15 28.31	—17.119	— 2
377	[η Antliae]	5.25	F 0	9 56 4.783	+2.5726	— 83	—35 34 45.25	—17.209	— 24
376	[12 Sextantis]	6.63	A 5	9 56 20.866	+3.1126	— 47	+ 3 41 46.93	—17.169	+ 27
378	π Leonis	4.89	M a	9 56 46.839	+3.1714	— 21	+ 8 21 24.66	—17.241	— 25
379	η Leonis	3.58	A 0 p	10 3 47.515	+3.2721	— 2	+17 4 49.23	—17.528	— 6
380	α Leonis	1.34	B 8	10 4 54.775	+3.1964	—167	+12 17 7.97	—17.570	— 1
381	λ Hydrae	3.83	K 0	10 7 25.163	+2.9253	—134	—12 1 55.49	—17.761	— 87
382	q Velorum	4.09	A 2	10 12 0.163	+2.5152	—154	—41 47 57.47	—17.815	+ 45
385	[ω Argus]	3.56	B 8	10 12 11.881	+1.4316	— 29	—69 42 53.32	—17.868	0
384	ζ Leonis	3.65	F 0	10 13 4.764	+3.3389	+ 15	+23 44 31.12	—17.909	— 7
383	λ Ursae maj.	3.52	A 2	10 13 11.129	+3.6229	—148	+43 14 22.66	—17.955	— 49
386	μ Ursae maj.	3.21	K 5	10 18 27.911	+3.5787	— 70	+41 49 37.30	—18.085	+ 24
387	30 H. Urs. maj.	4.92	A 0	10 19 28.079	+4.3389	— 25	+65 53 45.67	—18.165	— 18
388	[25 Sextantis]	6.10	B 9	10 20 9.363	+3.0321	— 40	— 3 44 42.06	—18.174	— 2
389	μ Hydrae	4.06	K 5	10 22 56.776	+2.9018	— 85	—16 30 14.14	—18.355	— 82
391	J Carinae	4.08	F 5	10 23 6.475	+1.1913	— 67	—73 42 1.16	—18.296	— 17
390	31 Leon. min.	4.41	K 0	10 24 7.915	+3.4731	— 96	+37 2 27.43	—18.422	—106
392	Lac. α Antliae	4.42	K 5	10 24 10.498	+2.7441	— 62	—30 44 10.66	—18.307	+ 10
393	s Carinae	4.08	F 0	10 25 29.273	+2.1990	— 32	—58 24 25.80	—18.378	— 14
394	36 Ursae maj.	4.84	F 5	10 26 28.874	+3.8469	—216	+56 18 52.53	—18.431	— 33
396	[ρ Leonis]	3.85	B 0 p	10 29 23.432	+3.1599	— 6	+ 9 38 29.96	—18.503	— 5
395	9 H. Dracon.	5.04	G 5	10 29 37.416	+5.1300	— 96	+76 2 55.46	—18.510	— 4
397	[p Carinae]	3.58	B 5 p	10 29 42.608	+2.1324	— 18	—61 21 1.88	—18.503	+ 5
399	[44 Hydrae]	5.32	K 2	10 30 55.312	+2.8535	— 2	—23 24 34.91	—18.528	+ 21
398	[37 Ursae maj.]	5.16	F 0	10 30 59.405	+3.8730	+ 83	+57 25 5.12	—18.516	+ 36

Mittlere Sternörter 1935.0

Nr.	Name	Gr.	Spektrum	AR. 1935.0	Jährl. Veränderung	Jährl. Eigenbew. in 0ˢ.0001	Dekl. 1935.0	Jährl. Veränderung	Jährl. Eigenbew. in 0".001
		M		h m s	s		° ′ ″	″	
400	*[p Velorum]	4.06	F 2 + A 3	10 34 33.777	+2.5162	—183	—47 53 15.90	—18.701	— 34
401	[γ Chamael.]	4.10	M a	10 34 43.042	+0.7214	—116	—78 16 12.94	—18.642	+ 30
402	[x Velorum]	4.37	G o	10 36 42.617	+2.3803	— 75	—55 15 52.50	—18.755	— 21
404	33 Sextantis	6.40	K o	10 38 5.818	+3.0522	— 94	— 1 23 57.85	—18.903	—125
403	[35 H. Urs. maj.]	5.23	K o	10 38 26.480	+4.3109	— 19	+69 25 0.53	—18.806	— 18
405	[41 Leon. min.]	5.05	A 2	10 39 53.165	+3.2642	— 80	+23 31 45.55	—18.819	+ 13
406	ϑ Argus	3.03	B o	10 40 38.017	+2.1382	— 26	—64 3 12.66	—18.850	+ 4
407	42 Leon. min.	5.37	B 9	10 42 15.377	+3.3389	— 15	+31 1 30.78	—18.939	— 37
408	μ Argus	2.84	G 5	10 43 58.032	+2.5759	+ 49	—49 4 35.29	—19.016	— 65
411	[δ² Chamael.]	4.62	B 3	10 45 11.939	+0.5813	—120	—80 11 49.73	—18.976	+ 9
409	l Leonis	5.27	A o	10 45 50.558	+3.1545	— 3	+10 53 22.44	—19.034	— 30
410	[ν Hydrae]	3.32	K o	10 46 24.991	+2.9598	+ 66	—15 51 11.26	—18.825	+194
412	[46 Leon. min.]	3.92	K o	10 49 40.979	+3.3586	+ 75	+34 33 56.76	—19.390	—282
414	[ι Antliae]	4.70	K o	10 53 41.089	+2.7941	+ 62	—36 47 16.96	—19.348	—137
413	[Br 1508]	6.26	G 5	10 54 48.649	+4.8296	—257	+78 7 8.38	—19.265	— 26
415	i Velorum	4.56	A 2	10 57 10.064	+2.7506	+ 20	—41 52 37.03	—19.299	— 4
416	β Ursae maj.	2.44	A o	10 57 55.968	+3.6279	+101	+56 43 52.31	—19.287	+ 26
417	α Ursae maj.	1.95	K o	10 59 44.003	+3.7116	—174	+62 6 8.12	—19.426	— 72
418	χ Leonis	4.66	F o	11 1 39.934	+3.0953	—231	+ 7 41 16.14	—19.444	— 46
419	[χ Hydrae]	5.06	F 5	11 2 11.777	+2.8881	—154	—26 56 32.82	—19.416	— 7
420	ψ Ursae maj.	3.15	K o	11 6 1.055	+3.3775	— 57	+44 51 5.26	—19.526	— 36
421	β Crateris	4.52	A 2	11 8 27.513	+2.9497	0	—22 28 14.09	—19.637	— 98
422	δ Leonis	2.58	A 3	11 10 39.289	+3.1925	+106	+20 52 48.36	—19.717	—136
423	ϑ Leonis	3.41	A o	11 10 49.884	+3.1491	— 43	+15 47 6.54	—19.666	— 81
424	[Grb 1757]	5.97	K o	11 13 2.601	+3.3853	— 97	+49 49 52.26	—19.647	— 22
425	ν Ursae maj.	3.71	K o	11 14 58.415	+3.2437	— 16	+33 26 57.13	—19.636	+ 22
426	δ Crateris	3.82	K o	11 16 5.343	+2.9987	— 88	—14 25 35.65	—19.477	+200
427	σ Leonis	4.13	A o	11 17 47.148	+3.0941	— 62	+ 6 23 9.05	—19.717	— 12
428	π Centauri	4.26	B 5	11 18 2.130	+2.7323	— 41	—54 8 4.55	—19.722	— 13
429	Grb 1771	5.98	A o	11 19 0.620	+3.5745	— 10	+64 41 11.50	—19.690	+ 34
430	[ι Leonis]	4.03	F 5	11 20 32.219	+3.1277	+106	+10 53 14.63	—19.831	— 84
431	[γ Crateris]	4.14	A 5	11 21 37.941	+2.9964	— 72	—17 19 36.04	—19.757	+ 7
432	[58 Ursae maj.]	5.88	F 8	11 27 0.540	+3.2507	— 43	+43 31 48.51	—19.765	+ 72
433	λ Draconis	4.06	M a	11 27 34.083	+3.5743	— 79	+69 41 23.98	—19.865	— 21
434	ξ Hydrae	3.72	G 5	11 29 48.023	+2.9487	—167	—31 29 52.08	—19.913	— 43
435	[C² Centauri]	5.42	F o	11 32 46.051	+2.9027	+ 13	—47 16 51.45	—19.949	— 47
436	λ Centauri	3.34	B 9	11 32 46.359	+2.7608	— 58	—62 39 36.24	—19.920	— 17
437	υ Leonis	4.47	K o	11 33 37.232	+3.0718	+ 1	— 0 27 53.28	—19.875	+ 36
438	[π Chamael.]	5.74	F o	11 34 34.219	+2.4713	—280	—75 32 11.61	—19.926	— 5
439	[ο Hydrae]	4.88	B 8	11 36 58.826	+2.9783	— 30	—34 23 3.31	—19.942	+ 1

Nr. 400. Doppelstern, Größe der Komponenten: 4.5 und 5.0

Nr.	Name	Gr.	Spektrum	AR. 1935.0	Jährl. Veränderung	Jährl. Eigenbew. in 0s.0001	Dekl. 1935.0	Jährl. Veränderung	Jährl. Eigenbew. in 0″.001
		M		h m s	s		° ′ ″	″	
440	3 Draconis	5.48	K 0	11 38 51.902	+3.3566	— 78	+67 6 17.41	—19.919	+ 40
442	[λ Muscae]	3.80	A 5	11 42 31.640	+2.8251	—153	—66 22 6.26	—19.966	+ 20
441	χ Ursae maj.	3.85	K 0	11 42 37.572	+3.1726	—133	+48 8 23.35	—19.967	+ 20
443	[Centauri 65 G.]	4.22	G 0	11 43 21.582	+2.8969	— 25	—60 49 1.47	—20.026	— 35
444	β Leonis	2.23	A 2	11 45 44.754	+3.0610	—341	+14 56 7.72	—20.123	—118
445	β Virginis	3.80	F 8	11 47 18.564	+3.1252	+494	+ 2 7 51.71	—20.289	—276
446	[*B* Centauri]	4.71	K 0	11 47 53.120	+2.9917	—111	—44 48 43.58	—20.062	— 46
447	γ Ursae maj.	2.54	A 0	11 50 25.263	+3.1607	+107	+54 3 21.93	—20.024	+ 2
448	[ε Chamael.]	5.05	B 9	11 56 22.110	+2.9583	—162	—77 51 35.55	—20.050	— 9
449	[Centauri 88 G.]	5.28	F 0	12 0 17.037	+3.1012	+267	—42 4 12.56	—20.166	—122
450	o Virginis	4.24	G 5	12 1 53.927	+3.0565	—147	+ 9 5 37.87	—20.005	+ 38
451	[Grb 1852]	5.96	K 0	12 1 58.426	+3.0656	+435	+77 16 8.97	—20.140	— 96
452	δ Centauri	2.88	B 3 p	12 4 58.819	+3.1037	— 44	—50 21 37.62	—20.057	— 18
453	ε Corvi	3.21	K 0	12 6 46.683	+3.0841	— 51	—22 15 29.88	—20.024	+ 11
454	4 H. Draconis	5.12	A 5	12 9 10.630	+2.8241	+ 23	+77 58 38.59	—20.005	+ 23
455	[δ Crucis]	3.08	B 3	12 11 40.893	+3.1785	— 51	—58 23 15.33	—20.045	— 27
456	δ Ursae maj.	3.44	A 2	12 12 13.132	+2.9752	+135	+57 23 36.95	—20.013	+ 3
457	[γ Corvi]	2.78	B 8	12 12 27.614	+3.0842	—112	—17 10 52.18	—19.998	+ 17
458	[2 Can. ven.]	5.80	K 5	12 12 52.489	+3.0103	+ 26	+41 1 18.31	—20.057	— 45
459	β Chamael.	4.38	B 5	12 14 29.534	+3.4910	—144	—78 57 5.02	—19.992	+ 12
460	η Virginis	4.00	A 0	12 16 34.780	+3.0693	— 42	— 0 18 20.63	—20.015	— 23
461	[6 Can. ven.]	5.22	K 0	12 22 39.079	+2.9581	— 67	+39 22 44.62	—19.982	— 36
462	α Crucis med.	1.58 2.09	B 1	12 22 58.353	+3.3281	— 44	—62 44 22.15	—19.975	— 31
463	[Hydr. 323 G.]	5.68	A 0	12 23 25.782	+3.1584	— 14	—32 28 12.55	—19.988	— 49
464	[σ Centauri]	4.16	B 3	12 24 30.896	+3.2387	— 36	—49 52 15.38	—19.962	— 33
466	20 Comae	5.72	A 2	12 26 27.469	+3.0157	+ 26	+21 15 20.83	—19.949	— 39
465	δ Corvi	3.11	A 0	12 26 29.883	+3.1032	—145	—16 9 13.54	—20.052	—142
467	[74 Ursae maj.]	5.44	A 5	12 26 55.601	+2.8051	— 96	+58 45 47.37	—19.818	+ 88
468	[γ Crucis]	1.61	Mb	12 27 32.835	+3.3199	+ 26	—56 44 58.36	—20.177	—278
469	[γ Muscae]	4.04	B 5	12 28 33.679	+3.5693	— 82	—71 46 27.47	—19.910	— 22
470	8 Can. ven.	4.32	G 0	12 30 39.646	+2.8517	—624	+41 42 37.15	—19.585	+280
472	ϰ Draconis	3.88	B 5 p	12 30 43.160	+2.5667	—117	+70 8 46.61	—19.857	+ 7
471	β Corvi	2.84	G 5	12 30 58.072	+3.1491	— 4	—23 2 15.15	—19.920	— 59
473	24 Comae seq.	5.18	K 0	12 31 52.263	+3.0103	+ 2	+18 44 4.68	—19.832	+ 18
474	α Muscae	2.94	B 3	12 33 17.237	+3.5654	— 56	—68 46 40.17	—19.865	— 32
475	[χ Virginis]	4.78	K 0	12 35 53.377	+3.0960	— 49	— 7 38 17.67	—19.836	— 37
476	γ Centauri	2.38	A 0	12 37 55.257	+3.3022	—205	—48 36 11.25	—19.790	— 20
477	[γ Virgin. med.]	3.65 3.68	F 0 F 0	12 38 21.925	+3.0397	—375	— 1 5 35.68	—19.759	+ 5
478	76 Ursae maj.	5.92	A 0	12 38 44.026	+2.6260	— 45	+63 4 10.85	—19.775	— 17
479	[Hydr. 330 G.]	5.73	K 2	12 40 32.339	+3.1952	— 26	—27 58 3.56	—19.781	— 50

Mittlere Sternörter 1935.0

Nr.	Name	Gr.	Spektrum	AR. 1935.0	Jährl. Veränderung	Jährl. Eigenbew. in 0s.0001	Dekl. 1935.0	Jährl. Veränderung	Jährl. Eigenbew. in 0".001
		M		h m s	s		° ' "	"	
480	[β Muscae]	3.26	B 3	12 42 16.408	+3.6668	— 53	—67 45 9.72	—19.735	— 31
481	β Crucis	1.50	B 1	12 43 54.477	+3.4961	— 59	—59 20 1.66	—19.704	— 27
482	*n* Centauri	4.34	A 5	12 49 49.665	+3.3179	+ 45	—39 49 33.28	—19.609	— 37
483	ε Ursae maj.	1.68	A o p	12 51 10.544	+2.6427	+136	+56 18 44.24	—19.557	— 11
484	δ Virginis	3.66	M a	12 52 19.699	+3.0216	—315	+ 3 45 0.75	—19.587	— 63
486	8 Draconis	5.27	F o	12 52 53.654	+2.3916	— 15	+65 47 26.77	—19.546	— 34
485	12 Can. ven. sq.	2.90	A o p	12 52 59.438	+2.8081	—199	+38 40 8.48	—19.460	+ 50
487	[δ Muscae]	3.63	K 2	12 57 46.024	+4.1050	+531	—71 11 55.73	—19.446	— 36
488	ε Virginis	2.95	K o	12 58 56.474	+2.9865	—185	+11 18 29.17	—19.367	+ 18
489	[ξ² Centauri]	4.40	B 3	13 3 6.256	+3.4957	— 35	—49 33 31.45	—19.318	— 30
490	ϑ Virginis	4.44	A o	13 6 34.932	+3.1054	— 24	— 5 11 33.00	—19.243	— 39
491	[17 Can. ven.]	6.04	F o	13 7 4.323	+2.7566	— 59	+38 50 37.72	—19.160	+ 32
492	43 Comae	4.32	G o	13 8 50.520	+2.8007	—602	+28 12 25.84	—18.268	+878
493	[η Muscae]	4.95	B 8	13 10 49.295	+4.0532	— 33	—67 33 3.07	—19.124	— 30
494	[20 Can. ven.]	4.66	F o	13 14 37.868	+2.6918	—107	+40 54 51.10	—18.982	+ 8
495	γ Hydrae	3.33	G 5	13 15 23.007	+3.2598	+ 51	—22 49 45.28	—19.023	— 53
496	ι Centauri	2.91	A 2	13 16 56.074	+3.3678	—294	—36 22 12.13	—19.017	— 92
497	ζ Urs. maj. pr.	2.40	A 2 p	13 21 18.740	+2.4178	+143	+55 15 51.66	—18.821	— 25
498	α Virginis	1.21	B 2	13 21 45.933	+3.1594	— 28	—10 49 21.45	—18.815	— 33
499	Grb 2001	6.07	K 5	13 24 28.461	+1.5280	+ 35	+72 43 43.15	—18.712	— 15
500	69 H. Urs. maj.	5.41	A o	13 26 4.145	+2.2034	—109	+60 16 51.93	—18.610	+ 37
501	ζ Virginis	3.44	A 2	13 31 22.756	+3.0563	—190	— 0 15 51.35	—18.437	+ 35
502	17 H. Can. ven.	4.96	F o	13 31 53.766	+2.6790	+ 64	+37 30 53.41	—18.468	— 13
503	[Chamael. 49 G.]	6.44	A o	13 33 35.192	+5.0983	— 49	—75 21 11.42	—18.410	— 14
505	[Grb 2029]	5.67	K o	13 35 37.128	+1.4393	— 86	+71 34 21.95	—18.325	0
504	ε Centauri	2.56	B 1	13 35 45.291	+3.7923	— 37	—53 8 12.47	—18.353	— 34
506	[*i* Centauri]	4.36	F 5	13 41 59.198	+3.4054	—371	—32 42 56.91	—18.248	—156
507	τ Bootis	4.51	F 5	13 44 10.391	+2.8508	—340	+17 46 47.83	—17.980	+ 28
509	η Ursae maj.	1.91	B 3	13 44 58.933	+2.3658	—119	+49 38 13.38	—17.998	— 20
508	[μ Centauri]	3.32	B 2 p	13 45 41.453	+3.6084	— 28	—42 9 1.95	—17.969	— 19
510	89 Virginis	5.11	K o	13 46 20.144	+3.2582	— 69	—17 48 39.84	—17.963	— 38
511	[*i* Draconis]	4.77	M a	13 49 32.031	+1.7523	0	+65 2 38.33	—17.800	— 2
512	ζ Centauri	3.06	B 2 p	13 51 28.348	+3.7350	— 70	—46 58 9.74	—17.780	— 61
513	η Bootis	2.80	G o	13 51 35.391	+2.8569	— 41	+18 43 22.14	—18.078	—364
514	[Cent. 294 G.]	4.68	K o	13 52 55.437	+4.3289	— 46	—63 22 8.16	—17.694	— 35
515	[47 Hydrae]	5.17	B 8	13 54 52.002	+3.3643	— 34	—24 39 21.08	—17.619	— 40
517	11 Bootis	6.12	A 3	13 58 13.705	+2.7212	— 57	+27 41 59.09	—17.428	+ 8
516	τ Virginis	4.34	A 2	13 58 20.213	+3.0528	+ 13	+ 1 51 29.59	—17.460	— 30
518	β Centauri	0.86	B 1	13 59 13.103	+4.2233	— 28	—60 3 38.16	—17.433	— 40
521	α Draconis	3.64	A o p	14 2 37.701	+1.6242	— 83	+64 41 9.90	—17.226	+ 16

Nr.	Name	Gr.	Spektrum	AR. 1935.0	Jährl. Veränderung	Jährl. Eigenbew. in 0s.0001	Dekl. 1935.0	Jährl. Veränderung	Jährl. Eigenbew. in 0".001
		M		h m s	s		° ' "	"	
519	[π Hydrae]	3.48	K 0	14 2 39.832	+3.4138	+ 30	—26 22 12.78	—17.394	— 153
520	ϑ Centauri	2.26	K 0	14 2 50.911	+3.5259	— 439	—36 3 4.23	—17.763	— 531
522	*d* Bootis	4.82	F 5	14 7 26.122	+2.7369	— 12	+25 23 55.53	—17.094	— 69
524	4 Ursae min.	5.00	K 0	14 9 4.206	—0.2527	— 112	+77 51 10.70	—16.916	+ 32
523	κ Virginis	4.31	K 0	14 9 25.507	+3.1992	+ 4	— 9 58 19.38	—16.798	+ 134
525	ι Virginis	4.16	F 5	14 12 36.163	+3.1445	— 13	— 5 41 28.43	—17.212	— 431
526	α Bootis	0.24	K 0	14 12 41.755	+2.7363	— 775	+19 31 12.08	—18.778	—2001
528	[ι Bootis]	4.78	A 5	14 13 51.900	+2.1252	— 159	+51 39 59.02	—16.635	+ 86
527	λ Bootis	4.26	A 0	14 13 54.848	+2.2816	— 177	+46 23 9.70	—16.567	+ 152
529	[υ Centauri]	4.41	B 5	14 15 46.010	+4.1781	— 47	—56 5 18.50	—16.668	— 39
530	[Circini 10 G.]	5.71	A 2p	14 19 40.991	+4.9528	— 41	—67 54 4.87	—16.471	— 36
531	ϑ Bootis	4.06	F 8	14 22 59.077	+2.0428	— 255	+52 9 1.79	—16.672	— 405
532	[52 Hydrae]	5.00	B 8	14 24 21.569	+3.5101	— 28	—29 12 2.07	—16.228	— 30
533	[φ Virginis]	4.97	K 0	14 24 51.070	+3.0907	— 90	— 1 56 15.14	—16.179	— 7
534	ρ Bootis	3.78	K 0	14 29 1.745	+2.5859	— 76	+30 39 21.16	—15.841	+ 113
535	γ Bootis	3.00	F 0	14 29 27.687	+2.4165	— 93	+38 35 30.25	—15.786	+ 144
536	[Grb 2125]	6.18	F 0	14 29 56.901	+1.6291	— 58	+60 30 41.46	—15.886	+ 18
537	η Centauri	2.65	B 3 p +A 2 p	14 31 22.204	+3.8042	— 36	—41 52 24.37	—15.865	— 36
538	*α Centauri	0.33 1.70	G 0 K 5	14 35 10.151	+4.0682	—4885	—60 34 5.90	—14.915	+ 708
540	[33 Bootis]	5.39	A 0	14 36 25.100	+2.2327	— 67	+44 41 3.43	—15.580	— 26
539	[α Circini]	3.41	F 0	14 37 13.642	+4.8313	— 320	—64 41 36.54	—15.748	— 239
541	[α Lupi]	2.89	B 2	14 37 35.736	+3.9840	— 20	—47 6 38.03	—15.525	— 36
543	ζ Bootis med.	4.83 4.43	A 2	14 38 2.636	+2.8646	+ 37	+14 0 21.92	—15.491	— 27
545	μ Virginis	3.95	F 5	14 39 37.904	+3.1606	+ 69	— 5 22 36.21	—15.702	— 326
544	[c^1 Centauri]	4.13	K 0	14 39 40.417	+3.6649	— 61	—34 53 42.33	—15.571	— 198
542	α Apodis	3.81	K 5	14 39 41.328	+7.3869	— 56	—78 46 16.47	—15.407	— 35
546	[*b* Lupi]	5.20	K 0	14 42 27.696	+4.1883	— 24	—52 6 35.22	—15.308	— 92
547	109 Virginis	3.76	A 0	14 42 57.650	+3.0325	— 75	+ 2 9 56.25	—15.226	— 39
548	α Librae	2.90	A 3	14 47 16.689	+3.3169	— 77	—15 46 22.15	—15.011	— 74
549	Grb 2164	5.67	K 2	14 49 47.247	+1.5215	— 170	+59 33 26.85	—14.661	+ 129
550	β Ursae min.	2.24	K 5	14 50 52.453	—0.1862	— 78	+74 25 16.06	—14.719	+ 7
551	Pi XIV, 221	5.77	A 0	14 53 9.090	+2.8315	— 10	+14 42 28.04	—14.608	— 18
552	β Lupi	2.81	B 2 p	14 54 15.812	+3.9229	— 51	—42 52 25.01	—14.584	— 60
553	[κ Centauri]	3.35	B 3	14 54 55.411	+3.8981	— 21	—41 50 41.02	—14.517	— 33
554	[2 H. Urs. min.]	4.86	M b	14 56 32.530	+0.9494	— 147	+66 11 27.81	—14.352	+ 34
555	β Bootis	3.63	G 5	14 59 29.853	+2.2600	— 36	+40 38 45.39	—14.247	— 43
556	γ Scorpii	3.41	M b	15 0 15.607	+3.5089	— 57	—25 1 40.29	—14.213	— 55
557	ψ Bootis	4.67	K 0	15 1 39.607	+2.5708	— 131	+27 12 0.15	—14.086	— 15
558	ζ Lupi	3.50	K 0	15 7 36.096	+4.3020	— 133	—51 51 11.81	—13.768	— 73
559	[ι Librae]	4.66	A 0 p	15 8 30.682	+3.4175	— 32	—19 32 49.37	—13.685	— 47

Nr. 538. Schwerpunkt des Systems. Abstand vom Schwerpunkt nach den Elementen von Lohse in den Publ. d. Astrophys. Obs. Potsdam No. 58

heller Stern: 1935.0 $\Delta\alpha = +0^s.215$ $\Delta\delta = -1''.07$

1936.0 $= +0\ .183$ $= -1\ .45$

Nr.	Name	Gr.	Spektrum	AR. 1935.0	Jährl. Veränderung	Jährl. Eigenbew. in 0s.0001	Dekl. 1935.0	Jährl. Veränderung	Jährl. Eigenbew. in 0".001
		M		h m s	s		° ' "	"	
562	[3 Serpentis]	5.44	K o	15 11 57.392	+2.9817	— 12	+ 5 10 45.95	—13.421	— 7
561	[β Circini]	4.16	A 3	15 12 24.498	+4.6869	—130	—58 33 36.51	—13.534	— 149
560	γ Triang. austr.	3.06	A o	15 12 48.780	+5.5843	—101	—68 26 28.99	—13.396	— 37
563	δ Bootis	3.54	K o	15 12 52.938	+2.4193	+ 73	+33 33 22.68	—13.476	— 121
564	β Librae	2.74	B 8	15 13 30.368	+3.2273	— 64	— 9 8 39.66	—13.341	— 27
565	1 H. Urs. min.	5.23	G o	15 13 53.098	+0.6855	+387	+67 35 35.66	—13.684	— 395
566	φ¹ Lupi	3.59	K 5	15 17 40.433	+3.8028	— 82	—36 1 37.34	—13.134	— 95
569	γ Ursae min.	3.14	A 2	15 20 49.005	—0.1023	— 32	+72 3 54.97	—12.813	+ 16
568	μ Bootis	4.47 6.66	F o K o	15 22 2.065	+2.2664	—123	+37 36 15.00	—12.667	+ 80
570	[τ¹ Serpentis]	5.46	M a	15 22 46.443	+2.7821	— 11	+15 39 19.15	—12.721	— 24
571	ι Draconis	3.47	K o	15 23 28.871	+1.3341	— 5	+59 11 35.53	—12.635	+ 14
567	[χ¹ Apodis]	5.65	B 5 p	15 24 23.194	+6.5105	+ 6	—73 9 59.63	—12.626	— 37
572	β Coron. bor.	3.72	F o p	15 25 8.939	+2.4741	—131	+29 19 43.26	—12.460	+ 76
573	ν¹ Bootis	5.15	K 5	15 28 35.647	+2.1551	+ 10	+41 3 13.33	—12.312	— 13
576	[ϑ Coron. bor.]	4.17	B 5	15 30 18.473	+2.4190	— 17	+31 34 38.40	—12.207	— 26
574	[ε Triang. austr.]	4.11	K o	15 30 44.767	+5.4743	+ 29	—66 6 2.40	—12.232	— 82
575	γ Lupi	2.95	B 3	15 30 48.000	+3.9928	— 26	—40 56 59.54	—12.186	— 39
577	γ Librae	4.02	K o	15 31 53.195	+3.3547	+ 43	—14 34 26.59	—12.068	+ 3
578	α Coron. bor.	2.31	A o	15 31 56.116	+2.5402	+ 93	+26 55 56.36	—12.165	— 98
579	[3 H. Scorpii]	3.78	K 2	15 33 4.344	+3.6394	— 11	—27 55 16.69	—11.998	— 11
580	[φ Bootis]	5.41	G 5	15 35 29.527	+2.1549	+ 58	+40 33 50.68	—11.765	+ 52
581	[γ Coron. bor.]	3.93	A o	15 40 0.773	+2.5198	— 74	+26 30 1.21	—11.462	+ 34
582	α Serpentis	2.75	K o	15 41 3.878	+2.9545	+ 91	+ 6 37 43.99	—11.378	+ 42
583	β Serpentis	3.74	A 2	15 43 11.213	+2.7690	+ 51	+15 37 26.34	—11.322	— 54
587	[12 H. Dracon.]	5.13	A 2	15 45 40.237	+0.9124	+ 55	+62 47 59.91	—11.148	— 61
584	κ Serpentis	4.28	K 5	15 45 48.792	+2.7007	— 31	+18 20 27.76	—11.175	— 98
585	μ Serpentis	3.63	A o	15 46 13.530	+3.1300	— 59	— 3 13 57.60	—11.078	— 32
590	ζ Ursae min.	4.34	A 2	15 46 20.254	—2.1664	+ 60	+77 59 43.22	—11.039	— 1
586	[χ Lupi]	4.11	B 9	15 46 49.294	+3.8088	— 15	—33 25 50.12	—11.033	— 30
588	ε Serpentis	3.75	A 2	15 47 34.441	+2.9899	+ 84	+ 4 40 19.55	—10.888	+ 60
589	β Triang. austr.	3.04	F o	15 49 23.832	+5.2756	—278	—63 13 55.75	—11.222	— 407
591	[γ Serpentis]	3.86	F 5	15 53 26.963	+2.7708	+213	+15 52 20.76	—11.808	—1294
593	ε Coron. bor.	4.22	K o	15 54 53.721	+2.4833	— 61	+27 3 53.77	—10.475	— 68
592	[π Scorpii]	3.00	B 2	15 54 54.856	+3.6268	— 15	—25 55 43.12	—10.442	— 37
595	[Grb 2296]	4.96	A 5	15 56 14.702	+1.4215	—187	+54 55 58.03	—10.195	+ 110
594	δ Scorpii	2.54	B o	15 56 29.147	+3.5458	— 8	—22 26 18.07	—10.323	— 36
598	ϑ Draconis	4.11	F 8	16 0 40.115	+1.1233	—403	+58 44 18.16	— 9.632	+ 339
597	β Scorpii	2.90 5.06	B 1	16 1 39.202	+3.4867	— 7	—19 37 44.73	— 9.923	— 27
596	[δ Normae]	4.84	A 3 p	16 1 53.309	+4.2351	— 5	—44 59 55.91	— 9.873	+ 6
599	[ϑ Lupi]	4.33	B 3	16 2 18.996	+3.9354	— 29	—36 37 37.30	— 9.887	— 41

Nr.	Name	Gr.	Spektrum	AR. 1935.0	Jährl. Veränderung	Jährl. Eigenbew. in 0s.0001	Dekl. 1935.0	Jährl. Veränderung	Jährl. Eigenbew. in 0".001
		M		h m s	s		° ′ ″	″	
601	[φ Herculis]	4.26	B 9 p	16 6 43.246	+1.8901	— 23	+45 6 15.80	—9.478	+ 31
600	[ϰ Normae]	5.09	K 0	16 8 20.272	+4.7220	— 42	—54 27 53.12	—9.449	— 65
602	[δ Triang. austr.]	4.03	G 0	16 9 30.297	+5.4507	+ 8	—63 31 18.75	—9.320	— 26
603	δ Ophiuchi	3.03	M a	16 10 56.223	+3.1432	— 30	— 3 31 42.30	—9.332	—150
606	19 Ursae min.	5.51	B 8	16 12 39.074	—1.7245	— 4	+76 2 31.03	—9.037	+ 12
605	ε Ophiuchi	3.34	K 0	16 14 52.773	+3.1733	+ 53	— 4 32 8.06	—8.843	+ 31
604	γ^2 Normae	4.14	K 0	16 14 57.932	+4.4820	—190	—49 59 52.69	—8.929	— 61
607	[σ Scorpii]	3.08	B 1	16 17 13.990	+3.6446	— 11	—25 26 18.80	—8.723	— 33
608	τ Herculis	3.91	B 5	16 17 47.153	+1.8032	— 9	+46 28 2.11	—8.614	+ 32
609	γ Herculis	3.79	F 0	16 19 3.082	+2.6459	— 36	+19 18 16.34	—8.506	+ 40
612	[η Ursae min.]	5.04	F 0	16 19 22.793	—1.7664	—220	+75 54 21.28	—8.265	+256
610	[ζ Triang. austr.]	4.93	G 0	16 21 26.958	+6.4360	+366	—69 56 26.65	—8.272	+ 84
613	[ω Herculis]	4.53	A 0 p	16 22 24.889	+2.7683	+ 28	+14 10 53.44	—8.347	— 68
614	[Grb 2343]	5.66	A 2	16 22 59.937	+1.3120	+ 19	+55 21 8.12	—8.214	+ 18
615	η Draconis	2.89	G 5	16 23 6.379	+0.8106	— 28	+61 39 39.50	—8.163	+ 61
611	γ Apodis	3.90	K 0	16 23 25.182	+9.1675	—384	—78 45 17.74	—8.271	— 72
616	α Scorpii	1.22	M a + A 3	16 25 25.077	+3.6770	— 7	—26 17 22.00	—8.068	— 28
618	β Herculis	2.81	K 0	16 27 25.482	+2.5788	— 69	+21 37 47.93	—7.899	— 21
617	[λ Ophiuchi]	3.85	A 0	16 27 37.991	+3.0251	— 23	+ 2 7 28.56	—7.952	— 90
619	*A* Draconis	4.98	B 8 p	16 28 6.047	—0.1219	— 51	+68 54 31.72	—7.789	+ 35
620	[τ Scorpii]	2.91	B 0	16 31 49.900	+3.7328	— 11	—28 4 58.55	—7.555	— 33
621	σ Herculis	4.25	A 0	16 32 0.417	+1.9343	— 6	+42 34 12.38	—7.470	+ 38
623	[Grb 2373]	6.39	G 5	16 33 24.574	—2.5975	—323	+77 34 37.21	—7.120	+274
622	ζ Ophiuchi	2.70	B 0	16 33 34.637	+3.3027	+ 9	—10 26 13.09	—7.358	+ 22
624	[24 Scorpii]	5.04	K 0	16 37 48.635	+3.4685	— 18	—17 37 4.51	—7.038	— 3
626	η Herculis	3.61	K 0	16 40 40.021	+2.0569	+ 35	+39 2 41.75	—6.885	— 84
625	α Triang. austr.	1.88	K 2	16 41 45.756	+6.3414	+ 32	—68 54 40.56	—6.759	— 49
627	Grb 2377	4.88	F 0	16 44 3.723	+1.1377	+ 28	+56 53 50.49	—6.463	+ 58
628	ε Scorpii	2.36	K 0	16 45 56.892	+3.8833	—501	—34 10 37.00	—6.620	—255
629	49 Herculis	6.41	A 0 p	16 49 7.235	+2.7312	+ 12	+15 4 54.72	—6.107	— 6
630	ζ^2 Scorpii	3.75	K 5	16 50 0.144	+4.2173	—133	—42 15 6.85	—6.265	—238
631	ζ Arae	3.06	K 5	16 53 13.965	+4.9598	— 30	—55 53 23.10	—5.805	— 48
632	[ε^1 Arae]	4.15	K 2	16 54 23.649	+4.7761	— 19	—53 3 46.51	—5.668	— 8
633	ϰ Ophiuchi	3.42	K 0	16 54 35.417	+2.8392	—198	+ 9 28 28.85	—5.656	— 13
634	ε Herculis	3.92	A 0	16 57 48.121	+2.2954	— 35	+31 1 15.50	—5.349	+ 24
635	[60 Herculis]	4.91	A 3	17 2 21.773	+2.7816	+ 34	+12 49 43.30	—5.003	— 15
636	[Grb 2415]	6.27	A 2	17 5 39.466	+1.9568	— 29	+40 36 0.40	—4.736	— 28
637	η Ophiuchi	2.63	A 2	17 6 38.875	+3.4394	+ 23	—15 38 45.91	—4.534	+ 90
638	[η Scorpii]	3.44	F 2	17 7 29.598	+4.2949	+ 17	—43 9 19.85	—4.850	—298
639	ζ Draconis	3.22	B 5	17 8 35.673	+0.1720	— 29	+65 47 40.52	—4.437	+ 22

Nr.	Name	Gr.	Spektrum	AR. 1935.0	Jährl. Veränderung	Jährl. Eigenbew. in 0s.0001	Dekl. 1935.0	Jährl. Veränderung	Jährl. Eigenbew. in 0″.001
		M		h m s	s		° ′ ″	″	
640	α Herculis	3.48 5.39	M b	17 11 40.953	+2.7352	— 8	+14 27 46.84	—4.166	+ 29
641	δ Herculis	3.16	A 2	17 12 21.661	+2.4642	— 15	+24 54 52.72	—4.295	—159
643	π Herculis	3.36	K 5	17 12 46.948	+2.0895	— 21	+36 52 52.92	—4.099	+ 1
642	[ι Apodis]	5.60	B 8	17 14 50.040	+6.6832	— 14	—70 3 28.51	—3.951	— 27
644	ϑ Ophiuchi	3.37	B 3	17 18 0.898	+3.6832	— 7	—24 56 11.02	—3.676	— 25
645	β Arae	2.80	K 2	17 19 53.469	+4.9841	— 14	—55 28 15.06	—3.532	— 42
647	[27 H. Ophiuchi]	4.61	F 0	17 23 10.890	+3.1833	— 58	— 5 1 50.68	—3.257	— 51
646	[*d* Ophiuchi]	4.37	F 5	17 23 12.042	+3.8294	+ 6	—29 48 36.04	—3.349	—145
650	[*x* Herculis]	5.81	A 2	17 25 0.823	+1.5902	+ 2	+48 18 48.93	—3.067	— 19
648	δ Arae	3.79	B 8	17 25 13.555	+5.4134	— 70	—60 37 55.24	—3.131	—101
649	[υ Scorpii]	2.80	B 3	17 26 20.365	+4.0756	— 24	—37 14 45.29	—2.973	— 39
651	α Arae	2.97	B 3 p	17 26 48.773	+4.6354	— 38	—49 49 37.13	—2.986	— 94
653	β Draconis	2.99	G 0	17 28 57.788	+1.3554	— 15	+52 20 55.56	—2.697	+ 10
652	λ Scorpii	1.71	B 2	17 29 11.470	+4.0716	— 14	—37 3 29.75	—2.718	— 32
655	[ν¹ Draconis]	4.98	A 5	17 30 53.725	+1.1815	+176	+55 13 40.81	—2.488	+ 51
657	[ν² Draconis]	4.95	A 5	17 30 59.158	+1.1827	+181	+55 12 59.68	—2.479	+ 52
656	α Ophiuchi	2.14	A 5	17 31 54.965	+2.7844	+ 80	+12 36 21.23	—2.683	—233
659	[*f* Draconis]	5.21	K 0	17 32 13.214	—0.2427	— 33	+68 10 35.55	—2.290	+134
654	ϑ Scorpii	2.04	F 0	17 32 38.661	+4.3084	0	—42 57 31.04	—2.405	— 18
658	ξ Serpentis	3.64	A 5	17 33 51.773	+3.4342	— 34	—15 21 33.58	—2.346	— 65
664	ω Draconis	4.87	F 5	17 37 19.745	—0.3522	+ 10	+68 47 17.44	—1.656	+323
663	ι Herculis	3.79	B 3	17 37 37.751	+1.6934	— 5	+46 2 23.72	—1.957	— 4
660	[κ Scorpii]	2.51	B 2	17 37 59.287	+4.1486	— 15	—38 59 54.05	—1.948	— 26
662	[μ Arae]	5.26	G 5	17 38 58.802	+4.7612	— 29	—51 48 6.20	—2.044	—208
661	η Pavonis	3.58	K 0	17 39 20.867	+5.8857	— 22	—64 41 43.01	—1.860	— 56
665	β Ophiuchi	2.94	K 0	17 40 15.634	+2.9633	— 28	+ 4 35 34.45	—1.571	+153
666	[ι¹ Scorpii]	3.14	F 5 p	17 43 2.130	+4.1942	— 10	—40 6 13.11	—1.485	— 3
670	ψ Draconis	4.90 6.07	F 5	17 43 5.377	—1.0698	+ 32	+72 10 52.54	—1.745	—267
667	μ Herculis	3.48	G 5	17 43 54.793	+2.3474	—240	+27 45 26.98	—2.157	—751
668	[γ Ophiuchi]	3.74	A 0	17 44 37.956	+3.0078	— 16	+ 2 43 48.77	—1.420	— 77
669	[*G* Scorpii]	3.25	K 2	17 45 25.920	+4.0829	+ 41	—37 1 28.22	—1.247	+ 26
675	35 Draconis	5.04	F 5	17 52 21.347	—2.6882	+111	+76 58 21.58	—0.427	+241
671	ξ Draconis	3.90	K 0	17 52 24.274	+1.0377	+120	+56 52 56.26	—0.587	+ 77
672	ϑ Herculis	3.99	K 0	17 54 1.396	+2.0573	+ 4	+37 15 29.11	—0.518	+ 5
676	γ Draconis	2.42	K 5	17 55 5.769	+1.3929	— 9	+51 29 44.87	—0.451	— 22
674	[ξ Herculis]	3.82	K 0	17 55 14.311	+2.3313	+ 66	+29 15 12.94	—0.442	— 25
673	ν Ophiuchi	3.50	K 0	17 55 26.830	+3.3023	— 7	— 9 46 1.92	—0.516	—118
677	67 Ophiuchi	3.92	B 5 p	17 57 23.339	+3.0045	0	+ 2 55 59.46	—0.241	— 13
679	γ Sagittarii	3.07	K 0	18 1 37.866	+3.8531	— 47	—30 25 36.40	—0.052	—194
678	[Apodis 66 G.]	5.69	K 5	18 2 9.743	+8.3869	— 42	—75 53 47.14	—0.081	—270

Nr.	Name	Gr.	Spektrum	AR. 1935.0	Jährl. Veränderung	Jährl. Eigenbew. in 0s.0001	Dekl. 1935.0	Jährl. Veränderung	Jährl. Eigenbew. in 0″.001
		M		h m s	s		° ′ ″	″	
680	72 Ophiuchi	3.73	A 3	18 4 16.046	+2.8440	− 42	+ 9 33 11.45	+0.452	+ 78
681	o Herculis	3.83	A 0	18 5 0.390	+2.3402	+ 2	+28 45 8.13	+0.438	0
682	μ Sagittarii	4.01	B 8 p	18 9 52.524	+3.5873	− 3	−21 4 39.41	+0.860	− 3
683	[η Sagittarii]	3.16	M b	18 13 13.667	+4.0586	− 117	−36 46 58.87	+0.993	−163
685	[36 Draconis]	5.03	F 5	18 13 31.349	+0.3452	+ 533	+64 22 30.13	+1.213	+ 31
684	[Grb 2533]	5.42	B 5	18 13 37.420	+1.8656	− 6	+42 8 10.05	+1.184	− 7
687	[δ Sagittarii]	2.84	K 0	18 16 49.954	+3.8407	+ 27	−29 51 27.15	+1.439	− 32
686	[ξ Pavonis]	4.25	K 2	18 17 14.141	+5.5272	− 26	−61 31 32.18	+1.523	+ 17
688	η Serpentis	3.42	K 0	18 17 56.746	+3.1037	− 372	− 2 55 2.04	+0.869	−699
689	ε Sagittarii	1.95	A 0	18 19 51.447	+3.9821	− 30	−34 25 1.78	+1.607	−127
690	109 Herculis	3.92	K 0	18 20 55.657	+2.5564	+ 140	+21 44 19.41	+1.571	−257
693	[φ Draconis]	4.24	A 0 p	18 21 41.492	−0.8597	− 17	+71 18 12.81	+1.927	+ 33
691	α Telescopii	3.76	B 3	18 22 9.236	+4.4484	− 21	−46 0 22.11	+1.887	− 48
695	χ Draconis	3.69	F 8	18 22 13.820	−1.0813	+1171	+72 42 18.35	+1.579	−362
694	*b* Draconis	4.85	A 2	18 22 57.698	+0.8763	− 45	+58 45 45.11	+2.063	+ 58
692	[λ Sagittarii]	2.94	K 0	18 23 57.529	+3.7020	− 37	−25 27 33.77	+1.904	−188
696	[2 H. Scuti]	4.73	A 3	18 25 29.543	+3.4189	− 3	−14 36 31.58	+2.227	+ 2
697	[ϑ Coron. austr.]	4.69	G 5	18 28 51.655	+4.2833	+ 15	−42 21 40.63	+2.494	− 24
700	[Grb 2655]	5.84	K 0	18 32 53.994	−2.8923	− 10	+77 29 51.55	+2.865	− 3
699	α Lyrae	0.14	A 0	18 34 44.247	+2.0314	+ 176	+38 43 19.57	+3.308	+281
698	ζ Pavonis	4.10	K 0	18 35 26.914	+7.0137	− 23	−71 29 13.81	+2.910	−178
701	[Grb 2640]	6.00	A 3	18 36 1.078	+0.1881	+ 18	+65 25 49.47	+3.221	+ 84
702	[5 H. Scuti]	5.09	G 5	18 39 58.857	+3.2672	+ 13	− 8 20 27.39	+3.488	+ 9
703	110 Herculis	4.26	F 5	18 42 51.821	+2.5814	− 12	+20 28 57.97	+3.387	−340
704	λ Pavonis	4.42	B 2	18 46 11.921	+5.5604	− 25	−62 15 52.64	+3.986	− 28
705	*β Lyrae	var.	B 8 p +B2p	18 47 40.790	+2.2150	+ 3	+33 17 10.22	+4.138	− 2
707	o Draconis	4.78	K 0	18 50 14.619	+0.8861	+ 105	+59 18 30.34	+4.384	+ 25
706	σ Sagittarii	2.14	B 3	18 51 14.117	+3.7196	+ 4	−26 22 45.44	+4.381	− 63
709	ϑ Serpent. pr.	4.50	A 5	18 52 59.283	+2.9822	+ 29	+ 4 7 3.04	+4.621	+ 28
708	λ Telescopii	5.03	B 9	18 53 15.947	+4.8005	+ 3	−53 1 31.78	+4.631	+ 14
711	**R* Lyrae	var.	M b	18 53 21.459	+1.8263	+ 28	+43 51 34.11	+4.701	+ 76
710	[ξ Sagittarii]	3.61	K 0	18 53 51.158	+3.5786	+ 18	−21 11 37.69	+4.650	− 16
714	[υ Draconis]	4.91	K 0	18 55 12.052	−0.7309	+ 103	+71 12 38.20	+4.822	+ 41
713	γ Lyrae	3.30	A 0 p	18 56 30.691	+2.2439	− 4	+32 35 57.35	+4.891	− 2
712	[ε Aquilae]	4.21	K 0	18 56 40.294	+2.7221	− 42	+14 58 43.02	+4.826	− 80
715	[ζ Sagittarii]	2.71	A 2	18 58 28.608	+3.8167	− 21	−29 58 29.03	+5.061	+ 2
716	ζ Aquilae	3.02	A 0	19 2 25.326	+2.7570	− 7	+13 45 55.58	+5.291	−101
717	λ Aquilae	3.55	B 9	19 2 47.973	+3.1835	− 16	− 4 58 53.32	+5.337	− 87
719	[ι Lyrae]	5.13	B 5	19 4 58.918	+2.1407	− 3	+35 59 49.94	+5.604	− 3
718	α Coron. austr.	4.12	A 2	19 5 3.080	+4.0814	+ 60	−38 0 27.63	+5.504	−109

Nr. 705. Größe: Max. 3.4, Min. 4.1 Nr. 711. Größe: Max. 4.0, Min. 4.7, Größe in Harvard 50 = 4.32

Nr.	Name	Gr.	Spektrum	AR. 1935.0	Jährl. Veränderung	Jährl. Eigenbew. in 0s.0001	Dekl. 1935.0	Jährl. Veränderung	Jährl. Eigenbew. in 0".001
		M		h m s	s		° ' "	"	
720	π Sagittarii	3.02	F 2	19 5 53.938	+3.5677	− 5	−21 7 42.93	+ 5.649	− 35
721	[Pavonis 60 G.]	5.57	A 2	19 10 40.605	+6.0395	− 7	−66 46 33.22	+ 6.063	− 21
723	δ Draconis	3.24	K 0	19 12 32.719	+0.0168	+ 167	+67 32 49.67	+ 6.327	+ 88
722	[*d* Sagittarii]	5.03	K 0	19 13 49.970	+3.5099	− 12	−19 4 12.40	+ 6.337	− 9
724	ϑ Lyrae	4.46	K 0	19 14 6.673	+2.0818	− 7	+38 1 0.85	+ 6.368	− 1
725	ω Aquilae	5.14	A 5	19 14 45.914	+2.8157	− 3	+11 28 36.66	+ 6.437	+ 13
726	κ Cygni	3.98	K 0	19 15 36.089	+1.3870	+ 69	+53 14 52.04	+ 6.612	+ 120
729	τ Draconis	4.63	K 0	19 16 48.850	−1.1486	− 326	+73 14 7.28	+ 6.702	+ 109
727	[υ Sagittarii]	4.58	B 8 p + F 2 p	19 18 0.349	+3.4361	0	−16 4 42.59	+ 6.689	− 2
728	α Sagittarii	4.11	B 8	19 19 23.115	+4.1574	+ 18	−40 44 23.93	+ 6.687	− 118
730	δ Aquilae	3.44	F 0	19 22 13.265	+3.0245	+ 167	+ 2 59 1.57	+ 7.119	+ 82
731	[Sagittar. 186 G.]	5.68	B 9	19 22 50.119	+3.7917	+ 7	−29 52 24.26	+ 7.041	− 47
734	[Grb 2900]	6.00	A 2	19 25 39.781	−3.6125	+ 97	+79 28 26.83	+ 7.284	− 35
733	ι Cygni	3.94	A 2	19 28 4.063	+1.5128	+ 22	+51 35 25.77	+ 7.639	+ 125
732	*β Cygni	3.24	K 0 + A 0	19 28 5.966	+2.4191	− 2	+27 49 19.07	+ 7.509	− 8
735	[ι Telescopii]	5.02	K 0	19 30 23.820	+4.4506	− 41	−48 14 28.17	+ 7.663	− 40
736	*h* Sagittarii	4.66	B 9	19 32 45.208	+3.6511	+ 46	−25 1 43.23	+ 7.871	− 22
737	[κ Aquilae]	5.04	B 0	19 33 23.735	+3.2277	+ 3	− 7 10 24.17	+ 7.944	0
738	ϑ Cygni	4.64	F 5	19 34 41.882	+1.6080	− 29	+50 4 10.75	+ 8.295	+ 247
740	[15 Cygni]	5.02	K 0	19 41 55.914	+2.1634	+ 59	+37 11 46.90	+ 8.659	+ 36
739	[ν Telescopii]	5.52	A 5	19 42 43.164	+4.9025	+ 86	−56 31 14.71	+ 8.549	− 136
742	δ Cygni	2.97	A 0	19 42 56.626	+1.8756	+ 51	+44 58 16.07	+ 8.743	+ 40
741	γ Aquilae	2.80	K 2	19 43 10.157	+2.8519	+ 9	+10 27 12.99	+ 8.721	0
743	δ Sagittae	3.78	M a + A 0	19 44 29.352	+2.6749	+ 4	+18 22 21.86	+ 8.838	+ 13
744	[51 Aquilae]	5.55	F 0	19 47 12.298	+3.3012	− 21	−10 55 47.02	+ 9.079	+ 41
745	α Aquilae	0.89	A 5	19 47 36.701	+2.9267	+ 359	+ 8 41 43.30	+ 9.453	+ 383
747	ε Draconis	3.99	K 0	19 48 24.173	−0.1979	+ 156	+70 6 8.40	+ 9.161	+ 30
746	*[η Aquilae]	var.	G 0 p	19 49 9.742	+3.0562	+ 6	+ 0 50 14.80	+ 9.182	− 9
749	β Aquilae	3.90	K 0	19 52 7.213	+2.9465	+ 25	+ 6 14 35.29	+ 8.940	− 480
748	ε Pavonis	4.10	A 0	19 53 6.319	+6.9573	+ 148	−73 5 5.05	+ 9.364	− 132
750	ψ Cygni	4.80	A 3	19 53 56.984	+1.5510	− 43	+52 15 56.35	+ 9.529	− 31
751	ϑ[1] Sagittarii	4.39	B 3	19 55 30.491	+3.9050	− 12	−35 27 13.51	+ 9.644	− 36
752	γ Sagittae	3.71	K 5	19 55 51.952	+2.6675	+ 43	+19 18 51.94	+ 9.732	+ 24
753	[*c* Sagittarii]	4.60	M b	19 58 39.838	+3.6897	+ 21	−27 53 31.42	+ 9.938	+ 18
754	δ Pavonis	3.64	G 5	20 2 22.039	+5.8961	+1964	−66 21 0.89	+ 9.042	−1159
755	[ξ Telescopii]	4.86	M a	20 2 24.714	+4.5987	− 44	−53 4 7.64	+10.202	− 2
756	ϑ Aquilae	3.37	A 0	20 7 57.097	+3.0952	+ 22	− 1 0 56.06	+10.624	+ 6
759	κ Cephei	4.40	B 9	20 11 6.724	−2.0005	+ 12	+77 30 59.47	+10.878	+ 27
757	o[1] Cygni sq.	3.95	K 0 + B 8	20 11 35.086	+1.8892	+ 4	+46 32 35.98	+10.887	+ 1
758	[33 Cygni]	4.32	A 3	20 11 53.277	+1.3951	+ 74	+56 22 5.91	+10.994	+ 85

Nr. 732. Größe und Spektrum beziehen sich auf die hellere Komponente. Die entsprechenden Werte für die schwächere Komponente sind 5.36 und B9. Nr. 746. Größe: Max. 3.7, Min. 4.5

Nr.	Name	Gr.	Spektrum	AR. 1935.0	Jährl. Veränderung	Jährl. Eigenbew. in 0s.0001	Dekl. 1935.0	Jährl. Veränderung	Jährl. Eigenbew. in 0".001
		M		h m s	s		° ′ ″	″	
760	24 Vulpeculae	5.45	K o	20 14 0.189	+2.5671	+ 12	+24 28 11.09	+11.044	— 19
761	α^2 Capricorni	3.77	G 5	20 14 26.986	+3.3288	+ 40	—12 44 51.21	+11.107	+ 11
762	[β Capricorni]	3.25	G o + A o	20 17 21.650	+3.3707	+ 23	—14 59 16.65	+11.313	+ 6
763	[$\varkappa^1$ Sagittarii]	5.64	A o	20 18 3.101	+4.0771	+ 37	—42 15 21.86	+11.261	— 96
765	γ Cygni	2.32	F 8 p	20 19 53.691	+2.1530	+ 4	+40 2 51.82	+11.489	0
764	α Pavonis	2.12	B 3	20 20 31.061	+4.7534	+ 11	—56 56 42.10	+11.449	— 85
766	[ρ Capricorni]	4.96	F o	20 25 9.308	+3.4222	— 14	—18 1 47.32	+11.847	— 16
767	ϑ Cephei	4.28	A 5	20 28 29.662	+1.0083	+ 63	+62 46 30.64	+12.083	— 14
768	ε Delphini	3.98	B 5	20 30 6.453	+2.8660	+ 5	+11 4 52.11	+12.184	— 25
770	73 Draconis	5.18	A 2 p	20 32 23.267	—0.7779	+ 16	+74 43 55.87	+12.355	— 12
769	α Indi	3.21	K o	20 33 0.102	+4.2223	+ 33	—47 31 11.06	+12.469	+ 60
771	β Delphini	3.72	F 5	20 34 30.047	+2.8130	+ 74	+14 22 4.36	+12.475	— 36
772	[κ Delphini]	5.23	G 5	20 35 58.341	+2.9137	+ 212	+ 9 51 21.95	+12.631	+ 18
773	υ Capricorni	5.33	M a	20 36 21.118	+3.4156	— 17	—18 22 7.61	+12.622	— 16
774	α Delphini	3.86	B 8	20 36 37.132	+2.7865	+ 45	+15 40 53.69	+12.650	— 6
775	β Pavonis	3.60	A 5	20 39 7.477	+5.4208	— 71	—66 26 19.53	+12.827	+ 1
777	α Cygni	1.33	A 2 p	20 39 12.925	+2.0451	+ 4	+45 2 49.94	+12.831	— 1
776	[η Indi]	4.70	F o	20 39 16.495	+4.4097	+ 157	—52 9 17.66	+12.763	— 73
778	[δ Delphini]	4.53	A 5	20 40 25.455	+2.8008	— 14	+14 50 24.82	+12.865	— 48
779	[ψ Capricorni]	4.26	F 8	20 42 15.018	+3.5529	— 44	—25 30 21.03	+12.877	— 157
780	ε Cygni	2.64	K o	20 43 34.838	+2.4276	+ 290	+33 43 33.09	+13.450	+ 328
782	[6 H. Cephei]	4.63	G o	20 43 44.357	+1.4891	— 86	+57 20 45.14	+12.898	— 234
783	η Cephei	3.59	K o	20 43 58.241	+1.2217	+ 130	+61 35 8.95	+13.967	+ 819
781	ε Aquarii	3.83	A o	20 44 9.523	+3.2476	+ 17	— 9 44 5.41	+13.132	— 28
784	λ Cygni	4.47	B 5	20 44 52.542	+2.3365	+ 5	+36 15 3.83	+13.208	0
785	β Indi	3.72	K o	20 49 44.539	+4.6950	0	—58 42 3.39	+13.498	— 27
786	32 Vulpeculae	5.24	K 5	20 51 47.342	+2.5567	— 4	+27 48 34.12	+13.658	+ 1
788	ν Cygni	4.04	A o	20 54 44.935	+2.2364	+ 9	+40 54 57.62	+13.827	— 17
787	[α Octantis]	5.24	F 2	20 56 54.527	+7.3118	— 11	—77 16 25.63	+13.626	— 355
789	[11 Aquarii]	6.26	G o	20 57 8.522	+3.1587	+ 23	— 4 58 56.81	+13.863	— 133
790	ζ Microscopii	5.35	F o	20 58 49.052	+3.8354	— 36	—38 53 12.20	+13.978	— 122
792	[ξ Cygni]	3.92	K 5	21 2 33.956	+2.1824	+ 12	+43 40 3.54	+14.328	— 3
791	[A Capricorni]	4.60	M a	21 3 19.726	+3.5095	— 30	—25 16 0.97	+14.331	— 47
793	61 Cygni pr.	5.57	K 5	21 3 58.876	+2.6870	+3505	+38 25 43.94	+17.675	+3258
794	ν Aquarii	4.52	K o	21 6 3.338	+3.2686	+ 62	—11 38 9.34	+14.533	— 9
795	Br 2777	5.90	B 9	21 6 50.066	—1.1804	+ 74	+77 51 47.68	+14.625	+ 36
798	[Grb 3415]	5.65	B 2	21 10 8.992	+1.5274	— 6	+59 43 7.37	+14.785	— 2
797	ζ Cygni	3.40	K o	21 10 10.120	+2.5529	— 1	+29 57 33.80	+14.729	— 59
796	[Indi 23 G.]	5.84	A 5	21 11 7.726	+4.2861	— 19	—53 32 1.88	+14.798	— 46
799	[τ Cygni]	3.82	F o	21 12 11.712	+2.3945	+ 136	+37 46 1.82	+15.342	+ 436

Mittlere Sternörter 1935.0

Nr.	Name	Gr.	Spektrum	AR. 1935.0	Jährl. Veränderung	Jährl. Eigenbew. in 0s.0001	Dekl. 1935.0	Jährl. Veränderung	Jährl. Eigenbew. in 0".001
		M		h m s	s		° ′ ″	″	
800	α Equulei	4.14	F 8 + A 3	21 12 34.508	+2.9991	+ 38	+ 4 58 41.07	+14.842	− 87
801	[4 Pisc. austr.]	4.79	A 0	21 14 0.061	+3.6393	+ 35	−32 26 43.19	+14.986	− 26
802	[ϑ¹ Microscop.]	4.92	A 2 p	21 16 36.658	+3.8420	+ 70	−41 5 6.89	+15.176	+ 14
803	α Cephei	2.60	A 5	21 17 1.760	+1.4324	+ 212	+62 18 34.86	+15.236	+ 50
804	1 Pegasi	4.24	K 0	21 19 4.785	+2.7743	+ 74	+19 31 31.54	+15.364	+ 61
805	γ Pavonis	4.30	F 8	21 21 5.529	+4.9739	+ 128	−65 39 42.88	+16.204	+ 788
806	ζ Capricorni	3.86	G 5 p	21 22 57.576	+3.4265	− 1	−22 41 38.36	+15.543	+ 23
807	[g Cygni]	5.34	K 0	21 27 2.965	+2.2138	+ 48	+46 15 11.59	+15.847	+ 103
809	β Cephei	3.32	B 1	21 27 49.766	+0.7783	+ 20	+70 16 30.40	+15.792	+ 7
808	β Aquarii	3.07	G 0	21 28 8.302	+3.1584	+ 11	− 5 51 29.06	+15.798	− 5
810	ν Octantis	3.74	K 0	21 34 19.197	+6.7191	+ 135	−77 40 50.15	+15.873	− 256
811	74 Cygni	5.09	A 5	21 34 20.508	+2.4042	− 3	+40 7 14.73	+16.142	+ 12
812	[γ Capricorni]	3.80	F 0 p	21 36 29.550	+3.3248	+ 131	−16 57 24.44	+16.225	− 16
813	[13 H. Cephei]	5.64	0 e 5	21 36 56.614	+1.8621	+ 7	+57 11 40.52	+16.266	+ 2
817	[11 Cephei]	4.85	K 0	21 40 58.584	+0.8825	+ 234	+71 0 42.69	+16.566	+ 98
815	ε Pegasi	2.54	K 0	21 40 59.598	+2.9463	+ 18	+ 9 34 33.91	+16.468	0
814	[ι Pisc. austr.]	4.35	A 0	21 41 4.778	+3.5753	+ 18	−33 19 23.82	+16.384	− 89
816	[κ Pegasi]	4.27	F 5	21 41 42.019	+2.7163	+ 25	+25 20 43.59	+16.513	+ 10
818	[λ Capricorni]	5.43	A 0	21 43 2.309	+3.2302	+ 20	−11 39 59.63	+16.566	− 4
819	δ Capricorni	2.98	A 5	21 43 27.336	+3.3119	+ 178	−16 25 23.39	+16.297	− 293
821	π² Cygni	4.26	B 3	21 44 23.404	+2.2162	+ 8	+49 0 29.12	+16.632	− 4
820	[ο Indi]	5.50	K 2	21 45 19.034	+5.0924	− 86	−69 56 0.26	+16.660	− 21
822	γ Gruis	3.16	B 8	21 49 59.901	+3.6350	+ 77	−37 40 17.54	+16.886	− 18
823	16 Pegasi	5.05	B 3	21 50 6.192	+2.7294	+ 4	+25 37 6.87	+16.911	+ 1
824	[δ Indi]	4.56	F 0	21 53 30.363	+4.0892	+ 43	−55 18 10.66	+17.038	− 29
826	[20 Pegasi]	5.66	F 2	21 57 55.304	+2.9223	+ 36	+12 48 27.89	+17.213	− 54
825	[ε Indi]	4.74	K 5	21 58 24.146	+4.5972	+4809	−57 3 15.74	+14.714	−2574
827	α Aquarii	3.19	G 0	22 2 26.758	+3.0812	+ 10	− 0 38 11.02	+17.458	− 7
828	ι Aquarii	4.35	B 8	22 2 55.730	+3.2405	+ 24	−14 11 8.77	+17.434	− 51
830	20 Cephei	5.39	K 5	22 3 1.887	+1.8229	+ 22	+62 28 5.08	+17.550	+ 60
831	[ι Pegasi]	3.96	F 5	22 3 59.001	+2.7924	+ 219	+25 1 36.76	+17.552	+ 22
829	α Gruis	2.16	B 5	22 4 8.715	+3.7855	+ 119	−47 16 37.06	+17.366	− 171
832	[μ Pisc. austr.]	4.62	A 2	22 4 35.670	+3.5007	+ 41	−33 18 23.84	+17.515	− 41
833	[27 Pegasi]	5.65	K 0	22 6 20.722	+2.6581	− 42	+32 51 14.94	+17.564	− 65
834	ϑ Pegasi	3.70	A 2	22 6 55.262	+3.0262	+ 184	+ 5 52 38.43	+17.684	+ 31
835	π Pegasi	4.38	F 5	22 7 5.903	+2.6639	− 9	+32 51 31.03	+17.642	− 19
837	24 Cephei	4.99	G 5	22 8 33.710	+1.1542	+ 54	+72 1 14.78	+17.729	+ 8
836	ζ Cephei	3.62	K 0	22 8 35.760	+2.0800	+ 14	+57 52 49.15	+17.728	+ 6
838	[λ Pisc. austr.]	5.40	B 9	22 10 37.970	+3.4022	+ 16	−28 5 23.67	+17.804	− 1
839	[ε Octantis]	5.11	M b	22 12 50.472	+6.7908	+ 137	−80 45 52.71	+17.853	− 40

Nr.	Name	Gr.	Spektrum	AR. 1935.0	Jährl. Veränderung	Jährl. Eigenbew. in 0ˢ.0001	Dekl. 1935.0	Jährl. Veränderung	Jährl. Eigenbew. in 0″.001
		M		h m s	s		° ′ ″	″	
840	ϑ Aquarii	4.32	K 0	22 13 24.313	+3.1660	+ 76	− 8 6 27.55	+17.896	− 19
841	α Tucanae	2.91	K 2	22 14 3.918	+4.1201	− 98	−60 35 4.42	+17.891	− 49
842	γ Aquarii	3.97	A 0	22 18 17.970	+3.0985	+ 83	− 1 42 56.22	+18.109	+ 7
843	[31 Pegasi]	4.93	B 3p	22 18 19.044	+2.9522	− 1	+11 52 37.33	+18.112	+ 9
844	3 Lacertae	4.58	K 0	22 21 0.012	+2.3580	− 15	+51 54 10.05	+18.012	−191
845	[ν Gruis]	5.48	K 0	22 24 50.960	+3.5191	+ 24	−39 27 40.98	+18.179	−162
846	[δ¹ Gruis]	4.02	G 5	22 25 23.495	+3.5893	+ 17	−43 49 42.33	+18.352	− 8
847	*[δ Cephei]	var.	verän.	22 26 45.202	+2.2257	+ 17	+58 4 55.25	+18.410	+ 2
848	7 Lacertae	3.85	A 0	22 28 36.586	+2.4705	+ 147	+49 56 52.01	+18.488	+ 17
849	[υ Aquarii]	5.29	F 5	22 31 8.493	+3.2828	+ 155	−21 2 30.53	+18.412	−144
850	η Aquarii	4.13	B 8	22 32 1.006	+3.0828	+ 59	− 0 27 11.37	+18.530	− 55
851	[31 Cephei]	5.22	F 0	22 34 9.774	+1.4814	+ 384	+73 18 19.63	+18.678	+ 23
853	[30 Cephei]	5.21	A 2	22 36 20.467	+2.1268	+ 1	+63 14 46.30	+18.702	− 22
852	10 Lacertae	4.91	Oe 5	22 36 20.485	+2.6911	+ 4	+38 42 41.18	+18.717	− 6
854	[ε Pisc.austr.]	4.22	B 8	22 37 3.830	+3.3192	+ 12	−27 22 59.44	+18.748	+ 2
855	ζ Pegasi	3.61	B 8	22 38 13.166	+2.9919	+ 53	+10 29 29.25	+18.769	− 13
856	β Gruis	2.24	M b	22 38 47.577	+3.5858	+ 117	−47 13 31.44	+18.774	− 25
857	η Pegasi	3.10	G 0	22 39 57.149	+2.8115	+ 12	+29 52 50.39	+18.801	− 33
858	[13 Lacertae]	5.24	K 0	22 41 11.310	+2.6741	− 6	+41 28 39.51	+18.876	+ 5
859	λ Pegasi	4.14	K 0	22 43 23.878	+2.8890	+ 41	+23 13 23.05	+18.925	− 10
860	ε Gruis	3.69	A 2	22 44 38.216	+3.6282	+ 96	−51 39 33.53	+18.897	− 73
861	[τ Aquarii]	4.21	K 5	22 46 9.135	+3.1768	− 12	−13 56 10.22	+18.979	− 33
862	[μ Pegasi]	3.67	K 0	22 46 51.824	+2.8950	+ 109	+24 15 28.40	+18.991	− 41
863	ι Cephei	3.68	K 0	22 47 21.622	+2.1323	− 114	+65 51 29.52	+18.923	−123
864	λ Aquarii	3.84	M a	22 49 13.471	+3.1300	+ 5	− 7 55 33.55	+19.134	+ 38
865	ρ Indi	6.14	G 0	22 50 9.780	+4.1902	− 101	−70 25 17.83	+19.183	+ 62
866	δ Aquarii	3.51	A 2	22 51 12.148	+3.1842	− 33	−16 10 0.97	+19.128	− 19
867	α Pisc. austr.	1.29	A 3	22 54 3.742	+3.3163	+ 247	−29 58 1.70	+19.061	−159
868	[ζ Gruis]	4.18	G 5	22 57 3.132	+3.5477	− 80	−53 6 11.62	+19.277	− 16
869	ο Androm.	3.63	B 5 + A 2p	22 58 55.565	+2.7589	+ 25	+41 58 34.09	+19.324	− 13
870	β Pegasi	2.61	M a	23 0 37.216	+2.9076	+ 145	+27 43 47.28	+19.512	+138
871	α Pegasi	2.57	A 0	23 1 31.272	+2.9876	+ 41	+14 51 18.40	+19.354	− 41
872	ϑ Gruis	4.35	F 5	23 3 13.410	+3.3828	− 52	−43 52 19.70	+19.394	− 38
874	π Cephei	4.56	G 5	23 5 49.472	+1.9050	+ 29	+75 2 9.37	+19.461	− 25
873	c² Aquarii	3.80	K 0	23 5 58.992	+3.1993	+ 32	−21 31 32.12	+19.526	+ 36
875	Br 3077	5.65	K 2	23 10 8.696	+2.8855	+2534	+56 48 32.98	+19.868	+296
876	[Tucanae 25 G.]	5.69	G 0	23 13 3.977	+3.6149	+ 231	−62 21 22.39	+19.572	− 53
877	γ Tucanae	4.10	F 2	23 13 38.768	+3.5067	− 59	−58 35 32.74	+19.717	+ 82
878	[γ Piscium]	3.85	K 0	23 13 47.704	+3.1096	+ 503	+ 2 55 36.31	+19.656	+ 18
879	γ Sculptoris	4.51	K 0	23 15 19.092	+3.2414	+ 10	−32 53 11.26	+19.597	− 68

Nr. 847. Größe: Max. 3.7, Min. 4.6; Spektrum wechselt von F 5 bis G 0.

Mittlere Sternörter 1935.0

Nr.	Name	Gr.	Spektrum	AR. 1935.0	Jährl. Verände-rung	Jährl. Eigen-bew. in 0ˢ.0001	Dekl. 1935.0	Jährl. Verände-rung	Jährl. Eigen-bew. in 0″.001
		M		h m s	s		° ′ ″	″	
880	τ Pegasi	4.65	A 5	23 17 25.011	+2.9684	+ 21	+23 23 2.97	+19.686	− 13
882	4 Cassiopeiae	5.20	K 5	23 21 56.476	+2.6606	+ 17	+61 55 32.55	+19.758	− 10
881	[υ Pegasi]	4.57	G 0	23 22 7.935	+2.9933	+138	+23 2 45.44	+19.806	+ 35
883	[ο Gruis]	5.54	F 0	23 22 58.651	+3.3587	− 4	−53 4 54.46	+19.902	+119
884	κ Piscium	4.94	A 2 p	23 23 36.006	+3.0753	+ 56	+ 0 53 58.21	+19.699	− 93
885	70 Pegasi	4.67	K 0	23 25 51.925	+3.0332	+ 38	+12 24 5.95	+19.850	+ 28
886	[β Sculptoris]	4.46	B 9	23 29 29.406	+3.2190	+ 65	−38 10 41.24	+19.881	+ 14
887	[72 Pegasi]	5.21	K 2	23 30 43.458	+2.9749	+ 40	+30 57 59.07	+19.868	− 12
888	[Aquarii 248 G.]	6.51	K 0	23 32 10.921	+3.0947	− 5	− 7 49 27.61	+19.920	+ 23
889	[Phoenicis 11 G.]	4.86	A 2	23 34 21.343	+3.2314	+ 47	−45 51 9.41	+19.881	− 37
890	[λ Androm.]	4.00	K 0	23 34 22.555	+2.9336	+156	+46 6 20.75	+19.496	−423
891	ι Androm.	4.28	B 8	23 34 56.540	+2.9401	+ 27	+42 54 28.69	+19.919	− 5
892	ι Piscium	4.28	F 8	23 36 36.348	+3.0851	+247	+ 5 16 25.38	+19.500	−440
893	γ Cephei	3.42	K 0	23 36 39.818	+2.4533	−184	+77 16 10.40	+20.097	+157
894	ω² Aquarii	4.62	A 0	23 39 21.175	+3.1114	+ 65	−14 54 16.01	+19.900	− 63
895	41 H. Cephei	5.02	A 0	23 44 47.347	+2.8619	+ 23	+67 26 44.13	+20.001	+ 1
896	Lac. δ Sculpt.	4.64	A 0	23 45 32.569	+3.1258	+ 71	−28 29 23.62	+19.899	−105
897	[Aquarii 268 G.]	6.08	K 0	23 46 53.490	+3.0955	+ 86	−10 20 13.21	+20.097	+ 86
898	φ Pegasi	5.23	M a	23 49 10.683	+3.0507	− 8	+18 45 32.91	+19.982	− 39
899	[ρ Cassiopeiae]	4.85	F 8 p	23 51 7.537	+2.9922	− 7	+57 8 15.91	+20.033	+ 4
900	[27 Piscium]	5.07	K 0	23 55 20.705	+3.0711	− 37	− 3 54 59.89	+19.971	− 68
901	[π Phoenicis]	5.14	K 0	23 55 33.965	+3.1104	+ 30	−53 6 33.25	+20.086	+ 46
902	ω Piscium	4.03	F 5	23 55 58.319	+3.0803	+100	+ 6 30 12.36	+19.931	−109
903	ε Tucanae	4.71	B 9	23 56 33.025	+3.1244	+ 64	−65 56 20.04	+20.009	− 33
904	[θ Octantis]	4.73	K 0	23 58 16.660	+3.0962	−218	−77 25 28.50	+19.873	−171

Von den Sternen, deren Namen eingeklammert sind, folgen keine Ephemeriden.

Nördliche Polsterne

Nr.	Name	Gr.	Spektrum	AR. 1935.0	Jährl. Veränderung	Jährl. Eigenbew. in 0ˢ.001	Dekl. 1935.0	Jährl. Veränderung	Jährl. Eigenbew. in 0″.001
		M		h m s	s		° ′ ″	″	
Na	43 H. Cephei	4.52	K 0	0 59 29.69	+ 7.945	+ 76	+85 54 34.31	+19.371	− 2
Nb	α Ursae min.	2.12	F 8	1 39 39.06	+34.054	+156	+88 57 13.81	+18.179	0
Nc	*Grb 750	6.70	F 8	4 15 22.64	+17.937	+ 17	+85 22 53.13	+ 8.868	+ 32
Nd	51 H. Cephei	5.26	M a	7 10 44.72	+28.621	− 52	+87 9 10.72	− 6.124	− 35
Ne	1 H. Dracon.	4.58	K 2	9 27 58.60	+ 8.649	− 6	+81 36 58.15	−15.814	− 20
Nf	30 H. Camel.	5.34	F 2	10 23 19.54	+ 7.413	− 46	+82 53 26.84	−18.256	+ 31
Ng	ε Ursae min.	4.40	G 5	16 52 33.56	− 6.192	+ 7	+82 8 49.86	− 5.807	+ 6
Nh	δ Ursae min.	4.44	A 0	17 53 10.46	−19.480	+ 15	+86 36 46.29	− 0.540	+ 57
Ni	λ Ursae min.	6.55	M b	18 40 30.30	−75.508	−100	+89 2 23.05	+ 3.530	+ 6
Nk	76 Draconis	5.69	A 0	20 47 24.72	− 4.265	+ 16	+82 17 31.93	+13.401	+ 27

Nr. Nc. Größe aus Harvard 54 entnommen.

Südliche Polsterne

Nr.	Name	Gr.	Spektrum	AR. 1935.0	Jährl. Veränderung	Jährl. Eigenbew. in 0ˢ.001	Dekl. 1935.0	Jährl. Veränderung	Jährl. Eigenbew. in 0″.001
		M		h m s	s		° ′ ″	″	
Sa	Octantis 4 G.	5.63	K 0	1 40 57.00	− 3.552	+ 18	−85 5 54.65	+18.165	+ 34
Sb	ξ Mensae	5.85	K 0	5 6 11.99	− 6.884	− 4	−82 33 37.06	+ 4.676	+ 14
Sc	ζ Octantis	5.38	F 0	9 6 29.75	− 8.441	− 94	−85 24 20.00	−14.520	+ 49
Sd	ι Octantis	5.38	K 0	12 47 56.48	+ 6.147	+ 42	−84 46 15.22	−19.582	+ 25
Se	Octantis 20 G.	6.52	A 2	14 54 15.94	+27.863	−184	−87 53 17.29	−14.594	− 70
Sf	Octantis 26 G.	6.13	A 0	16 36 15.55	+22.137	+ 5	−86 15 11.86	− 7.164	− 2
Sg	χ Octantis	5.22	K 0	18 16 54.39	+35.601	− 84	−87 39 35.97	+ 1.347	−130
Sh	σ Octantis	5.48	F 0	19 54 44.34	+85.253	+107	−89 10 54.09	+ 9.622	+ 2
Si	β Octantis	4.34	F 0	22 39 31.91	+ 6.206	− 26	−81 43 24.06	+18.824	+ 3
Sk	τ Octantis	5.56	K 0	23 19 4.70	+ 9.385	+ 20	−87 50 23.44	+19.741	+ 15

Scheinbare Sternörter 1935

Tag	1) α Andromedae AR.	Δ	1) α Andromedae Dekl.	Δ	2) β Cassiopeiae AR.	Δ	2) β Cassiopeiae Dekl.	Δ	3) ε Phoenicis AR.	Δ	3) ε Phoenicis Dekl.	Δ	7) γ Pegasi AR.	Δ	7) γ Pegasi Dekl.	Δ
1935	0h 5m		+28° 43'		0h 5m		+58° 47'		0h 6m		−46° 5'		0h 9m		+14° 49'	
	s		"		s		"		s		"		s		"	
Jan. 0	1.938	132	68.33	88	41.901	302	51.20	68	7.902	196	92.12	37	53.824	110	29.76	80
10	1.806	126	67.45	114	41.599	289	50.52	120	7.706	182	91.75	82	53.714	105	28.96	91
20	1.680	114	66.31	135	41.310	266	49.32	167	7.524	160	90.93	127	53.609	95	28.05	98
30	1.566	96	64.96	150	41.044	230	47.65	207	7.364	134	89.66	167	53.514	81	27.07	102
Feb. 9	1.470	71	63.46	159	40.814	181	45.58	238	7.230	102	87.99	203	53.433	60	26.05	99
19	1.399	41	61.87	161	40.633	122	43.20	259	7.128	65	85.96	236	53.373	34	25.06	93
März 1	1.358	5	60.26	154	40.511	54	40.61	269	7.063	23	83.60	264	53.339	3	24.13	79
11	1.353	38	58.72	140	40.457	23	37.92	267	7.040	23	80.96	285	53.336	34	23.34	61
21	1.391	82	57.32	118	40.480	101	35.25	255	7.063	72	78.11	301	53.370	73	22.73	39
31	1.473	128	56.14	91	40.581	181	32.70	231	7.135	123	75.10	312	53.443	115	22.34	11
Apr. 10	1.601	175	55.23	58	40.762	258	30.39	199	7.258	175	71.98	316	53.558	157	22.23	18
20	1.776	220	54.65	21	41.020	330	28.40	158	7.433	226	68.82	314	53.715	198	22.41	50
30	1.996	259	54.44	17	41.350	393	26.82	112	7.659	272	65.68	304	53.913	236	22.91	82
Mai 10	2.255	294	54.61	57	41.743	445	25.70	62	7.931	315	62.64	289	54.149	268	23.73	112
20	2.549	322	55.18	95	42.188	486	25.08	10	8.246	351	59.75	266	54.417	295	24.85	140
30	2.871	340	56.13	131	42.674	511	24.98	44	8.597	379	57.09	237	54.712	314	26.25	166
Juni 9	3.211	350	57.44	164	43.185	525	25.42	96	8.976	397	54.72	203	55.026	325	27.91	186
19	3.561	352	59.08	193	43.710	524	26.38	145	9.373	406	52.69	165	55.351	329	29.77	202
29	3.913	344	61.01	216	44.234	509	27.83	190	9.779	403	51.04	121	55.680	322	31.79	213
Juli 9	4.257	328	63.17	234	44.743	482	29.73	230	10.182	390	49.83	74	56.002	309	33.92	219
19	4.585	304	65.51	246	45.225	446	32.03	266	10.572	366	49.09	27	56.311	289	36.11	218
29	4.889	274	67.97	253	45.671	399	34.69	295	10.938	333	48.82	22	56.600	261	38.29	214
Aug. 8	5.163	239	70.50	253	46.070	345	37.64	316	11.271	292	49.04	68	56.861	229	40.43	204
18	5.402	200	73.03	250	46.415	286	40.80	333	11.563	243	49.72	112	57.090	194	42.47	190
28	5.602	160	75.53	240	46.701	224	44.13	342	11.806	188	50.84	151	57.284	156	44.37	173
Sept. 7	5.762	118	77.93	228	46.925	160	47.55	343	11.994	133	52.35	183	57.440	118	46.10	154
17	5.880	78	80.21	210	47.085	96	50.98	339	12.127	75	54.18	208	57.558	80	47.64	132
26	[23] 5.958	39	82.31	190	[23] 47.181	33	54.37	327	[23] 12.202	19	56.26	225	[24] 57.638	44	48.96	110
Okt. 6	5.997	4	84.21	166	47.214	26	57.64	308	12.221	35	58.51	232	57.682	11	50.06	88
16	6.001	28	85.87	141	47.188	82	60.72	284	12.186	81	60.83	229	57.693	18	50.94	64
26	5.973	56	87.28	114	47.106	134	63.56	252	12.105	123	63.12	215	57.675	43	51.58	42
Nov. 5	5.917	79	88.42	83	46.972	180	66.08	215	11.982	157	65.27	194	57.632	64	52.00	21
15	5.838	99	89.25	54	46.792	221	68.23	172	11.825	182	67.21	164	57.568	82	52.21	1
25	5.739	114	89.79	23	46.571	254	69.95	123	11.643	199	68.85	128	57.486	95	52.20	21
Dez. 5	5.625	126	90.02	11	46.317	280	71.18	72	11.444	209	70.13	86	57.391	105	51.99	40
15	5.499	132	89.91	42	46.037	297	71.90	18	11.235	212	70.99	41	57.286	111	51.59	58
25	5.367	135	89.49	73	45.740	305	72.08	37	11.023	206	71.40	5	57.175	113	51.01	73
35	5.232		88.76		45.435		71.71		10.817		71.35		57.062		50.28	
Mittl. Ort	1.393		53.80		41.800		28.59		6.949		82.57		53.148		19.80	
sec δ, tg δ	1.140		+0.548		1.930		+1.651		1.442		−1.039		1.034		+0.265	
a, *a'*	+3.1		+20.0		+3.1		+20.0		+3.0		+20.0		+3.1		+20.0	
b, *b'*	+0.04		− 0.02		+0.11		− 0.02		−0.07		− 0.03		+0.02		− 0.04	

Obere Kulmination Greenwich

Tag	9) ι Ceti AR.	Diff.	9) ι Ceti Dekl.	Diff.	10) ζ Tucanae AR.	Diff.	10) ζ Tucanae Dekl.	Diff.
1935	0h 16m		−9° 10′		0h 16m		−65° 14′	
Jan. 0	7.796 s	107	61.51″	52	42.93 s	41	97.74″	80
10	7.689	102	62.03	38	42.52	38	96.94	137
20	7.587	93	62.41	21	42.14	34	95.57	188
30	7.494	79	62.62	3	41.80	29	93.69	235
Feb. 9	7.415	60	62.65	17	41.51	24	91.34	277
19	7.355	36	62.48	38	41.27	17	88.57	310
März 1	7.319	8	62.10	60	41.10	10	85.47	337
11	7.311	26	61.50	84	41.00	2	82.10	356
21	7.337	63	60.66	108	40.98	5	78.54	368
31	7.400	102	59.58	131	41.03	13	74.86	371
Apr. 10	7.502	143	58.27	154	41.16	22	71.15	368
20	7.645	182	56.73	173	41.38	29	67.47	356
30	7.827	220	55.00	190	41.67	37	63.91	336
Mai 10	8.047	253	53.10	204	42.04	44	60.55	311
20	8.300	280	51.06	212	42.48	50	57.44	277
30	8.580	302	48.94	216	42.98	55	54.67	237
Juni 9	8.882	315	46.78	214	43.53	57	52.30	193
19	9.197	321	44.64	208	44.10	60	50.37	142
29	9.518	317	42.56	195	44.70	60	48.95	90
Juli 9	9.835	307	40.61	177	45.30	59	48.05	34
19	10.142	289	38.84	156	45.89	56	47.71	21
29	10.431	263	37.28	130	46.45	51	47.92	75
Aug. 8	10.694	233	35.98	103	46.96	45	48.67	127
18	10.927	198	34.95	73	47.41	38	49.94	174
28	11.125	160	34.22	43	47.79	30	51.68	215
Sept. 7	11.285	122	33.79	15	48.09	21	53.83	247
17	11.407	83	33.64	12	48.30	11	56.30	271
26*)	[26] 11.490	47	33.76	35	[26] 48.41	1	59.01	282
Okt. 6	11.537	13	34.11	55	48.42	7	61.83	284
16	11.550	18	34.66	71	48.35	16	64.67	274
26	11.532	43	35.37	82	48.19	24	67.41	251
Nov. 5	11.489	65	36.19	89	47.95	31	69.92	219
15	11.424	83	37.08	90	47.64	36	72.11	178
25	11.341	95	37.98	88	47.28	39	73.89	128
Dez. 5	11.246	104	38.86	82	46.89	42	75.17	74
15	11.142	110	39.68	74	46.47	42	75.91	16
25	11.032	111	40.42	63	46.05	42	76.07	42
35	10.921		41.05		45.63		75.65	
Mittl. Ort	6.962		63.11		41.70		84.85	
sec δ, tg δ	1.013		−0.162		2.389		−2.170	
a, *a′*	+3.1		+20.0		+2.9		+20.0	
b, *b′*	−0.01		−0.07		−0.14		−0.07	

Tag	11) β Hydri AR.	Diff.	11) β Hydri Dekl.	Diff.	12) α Phoenicis AR.	Diff.	12) α Phoenicis Dekl.	Diff.
1935	0h 22m		−77° 36′		0h 23m		−42° 38′	
Jan. 0	23.70 s	90	87.04″	103	5.476 s	187	101.44″	10
10	22.80	86	86.01	162	5.289	177	101.34	55
20	21.94	77	84.39	216	5.112	161	100.79	99
30	21.17	67	82.23	264	4.951	140	99.80	139
Feb. 9	20.50	56	79.59	305	4.811	113	98.41	178
19	19.94	43	76.54	338	4.698	81	96.63	212
März 1	19.51	28	73.16	362	4.617	42	94.51	241
11	19.23	14	69.54	379	4.575	0	92.10	266
21	19.09	2	65.75	386	4.575	47	89.44	286
31	19.11	17	61.89	387	4.622	96	86.58	299
Apr. 10	19.28	33	58.02	378	4.718	147	83.59	308
20	19.61	47	54.24	361	4.865	196	80.51	309
30	20.08	62	50.63	337	5.061	243	77.42	305
Mai 10	20.70	74	47.26	306	5.304	286	74.37	293
20	21.44	85	44.20	268	5.590	324	71.44	276
30	22.29	95	41.52	223	5.914	353	68.68	251
Juni 9	23.24	101	39.29	174	6.267	374	66.17	220
19	24.25	106	37.55	121	6.641	385	63.97	184
29	25.31	107	36.34	65	7.026	387	62.13	143
Juli 9	26.38	105	35.69	7	7.413	378	60.70	99
19	27.43	101	35.62	51	7.791	357	59.71	52
29	28.44	93	36.13	106	8.148	330	59.19	4
Aug. 8	29.37	82	37.19	159	8.478	294	59.15	42
18	30.19	70	38.78	205	8.772	250	59.57	88
28	30.89	54	40.83	246	9.022	201	60.45	129
Sept. 7	31.43	37	43.29	276	9.223	149	61.74	164
17	31.80	18	46.05	296	9.372	96	63.38	193
26*)	[27] 31.98	0	49.01	306	[27] 9.468	43	65.31	213
Okt. 6	31.98	19	52.07	303	9.511	7	67.44	225
16	31.79	36	55.10	288	9.504	52	69.69	227
26	31.43	53	57.98	262	9.452	92	71.96	219
Nov. 5	30.90	67	60.60	223	9.360	127	74.15	202
15	30.23	78	62.83	177	9.233	153	76.17	176
25	29.45	87	64.60	122	9.080	174	77.93	145
Dez. 5	28.58	92	65.82	63	8.906	186	79.38	106
15	27.66	94	66.45	0	8.720	193	80.44	65
25	26.72	93	66.45	63	8.527	194	81.09	20
35	25.79		65.82		8.333		81.29	
Mittl. Ort	21.97		73.10		4.433		92.91	
sec δ, tg δ	4.664		−4.556		1.360		−0.921	
a, *a′*	+2.5		+19.9		+2.9		+19.9	
b, *b′*	−0.30		−0.10		−0.06		−0.10	

*) Bei Stern 11) und 12) lies Sept. 27

Tag	13) 12 Ceti				17) ζ Cassiopeiae				18) π Andromedae				20) δ Andromedae			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1935	$0^h\ 26^m$		$-4°\ 18'$		$0^h\ 33^m$		$+53°\ 32'$		$0^h\ 33^m$		$+33°\ 21'$		$0^h\ 35^m$		$+30°\ 30'$	
Jan. 0	$44^s.168$	106	$55''.29$	61	$20^s.869$	249	$44''.01$	43	$24^s.946$	146	$58''.96$	66	$51^s.566$	139	$35''.93$	66
10	44.062	104	55.90	51	20.620	249	43.58	92	24.800	147	58.30	96	51.427	139	35.27	94
20	43.958	97	56.41	38	20.371	238	42.66	137	24.653	140	57.34	124	51.288	133	34.33	118
30	43.861	85	56.79	25	20.133	215	41.29	175	24.513	126	56.10	144	51.155	121	33.15	137
Feb. 9	43.776	67	57.04	8	19.918	180	39.54	208	24.387	104	54.66	160	51.034	100	31.78	150
19	43.709	45	57.12	11	19.738	135	37.46	230	24.283	75	53.06	168	50.934	73	30.28	157
März 1	43.664	18	57.01	31	19.603	80	35.16	243	24.208	39	51.38	169	50.861	38	28.71	154
11	43.646	16	56.70	54	19.523	18	32.73	245	24.169	3	49.69	160	50.823	3	27.17	146
21	43.662	53	56.16	77	19.505	51	30.28	237	24.172	51	48.09	144	50.826	48	25.71	129
31	43.715	92	55.39	102	19.556	122	27.91	218	24.223	101	46.65	122	50.874	97	24.42	107
Apr. 10	43.807	133	54.37	126	19.678	192	25.73	191	24.324	152	45.43	92	50.971	145	23.35	78
20	43.940	174	53.11	148	19.870	259	23.82	155	24.476	200	44.51	58	51.116	194	22.57	44
30	44.114	211	51.63	169	20.129	321	22.27	115	24.676	246	43.93	21	51.310	238	22.13	8
Mai 10	44.325	246	49.94	185	20.450	373	21.12	68	24.922	287	43.72	18	51.548	278	22.05	29
20	44.571	275	48.09	199	20.823	417	20.44	20	25.209	319	43.90	58	51.826	311	22.34	68
30	44.846	297	46.10	207	21.240	448	20.24	28	25.528	344	44.48	97	52.137	335	23.02	104
Juni 9	45.143	311	44.03	210	21.688	467	20.52	77	25.872	360	45.45	132	52.472	352	24.06	137
19	45.454	319	41.93	208	22.155	475	21.29	124	26.232	367	46.77	165	52.824	358	25.43	168
29	45.773	317	39.85	201	22.630	469	22.53	167	26.599	363	48.42	193	53.182	356	27.11	194
Juli 9	46.090	308	37.84	188	23.099	453	24.20	206	26.962	351	50.35	216	53.538	345	29.05	214
19	46.398	291	35.96	171	23.552	427	26.26	239	27.313	332	52.51	235	53.883	327	31.19	230
29	46.689	267	34.25	150	23.979	392	28.65	268	27.645	306	54.86	247	54.210	300	33.49	240
Aug. 8	46.956	239	32.75	125	24.371	349	31.33	290	27.951	272	57.33	253	54.510	269	35.89	245
18	47.195	205	31.50	98	24.720	301	34.23	306	28.223	236	59.86	255	54.779	234	38.34	245
28	47.400	168	30.52	71	25.021	249	37.29	316	28.459	197	62.41	252	55.013	195	40.79	239
Sept. 7	47.568	132	29.81	44	25.270	195	40.45	320	28.656	156	64.93	243	55.208	156	43.18	229
17	47.700	94	29.37	17	25.465	140	43.65	316	28.812	115	67.36	230	55.364	116	45.47	215
27	47.794	58	29.20	7	25.605	86	46.81	308	28.927	75	69.66	214	55.480	77	47.62	198
Okt. 6	47.852	25	29.27	28	25.691	34	49.89	292	29.002	37	71.80	194	55.557	41	49.60	178
16	47.877	5	29.55	46	25.725	17	52.81	271	29.039	3	73.74	171	55.598	7	51.38	156
26	47.872	31	30.01	60	25.708	64	55.52	245	29.042	29	75.45	146	55.605	24	52.94	130
Nov. 5	47.841	54	30.61	70	25.644	107	57.97	212	29.013	57	76.91	117	55.581	51	54.24	103
15	47.787	72	31.31	76	25.537	147	60.09	174	28.956	83	78.08	86	55.530	76	55.27	74
25	47.715	87	32.07	78	25.390	181	61.83	132	28.873	105	78.94	55	55.454	97	56.01	44
Dez. 5	47.628	98	32.85	78	25.209	211	63.15	86	28.768	122	79.49	20	55.357	115	56.45	13
15	47.530	105	33.63	74	24.998	233	64.01	36	28.646	137	79.69	14	55.242	128	56.58	19
25	47.425	109	34.37	68	24.765	248	64.37	14	28.509	146	79.55	47	55.114	138	56.39	49
35	47.316		35.05		24.517		64.23		28.363		79.08		54.976		55.90	
Mittl. Ort	43.295		58.76		20.298		21.93		24.208		42.39		50.792		20.23	
sec δ, tg δ	1.003		—0.076		1.683		+1.353		1.197		+0.658		1.161		+0.589	
a, *a'*	+3.1		+19.9		+3.3		+19.8		+3.2		+19.8		+3.2		+19.8	
b, *b'*	—0.01		— 0.12		+0.09		— 0.15		+0.04		— 0.15		+0.04		— 0.16	

Tag	21) α Cassiopeiae AR.		21) α Cassiopeiae Dekl.		22) β Ceti AR.		22) β Ceti Dekl.	
1935	$0^h\ 36^m$		$+56°\ 10'$		$0^h\ 40^m$		$-18°\ 20'$	
Jan. 0	48.893 s	274	74.85"	35	20.656 s	121	36.42"	48
10	48.619	274	74.50	86	20.535	120	36.90	23
20	48.345	262	73.64	132	20.415	113	37.13	3
30	48.083	239	72.32	175	20.302	103	37.10	30
Feb. 9	47.844	202	70.57	208	20.199	86	36.80	56
19	47.642	153	68.49	234	20.113	63	36.24	84
März 1	47.489	95	66.15	249	20.050	35	35.40	110
11	47.394	28	63.66	253	20.015	3	34.30	135
21	47.366	45	61.13	246	20.012	35	32.95	160
31	47.411	120	58.67	230	20.047	76	31.35	183
Apr. 10	47.531	196	56.37	203	20.123	118	29.52	202
20	47.727	268	54.34	169	20.241	160	27.50	218
30	47.995	334	52.65	128	20.401	200	25.32	231
Mai 10	48.329	390	51.37	82	20.601	238	23.01	238
20	48.719	436	50.55	34	20.839	270	20.63	240
30	49.155	470	50.21	16	21.109	296	18.23	237
Juni 9	49.625	492	50.37	66	21.405	314	15.86	228
19	50.117	500	51.03	113	21.719	324	13.58	213
29	50.617	496	52.16	159	22.043	327	11.45	192
Juli 9	51.113	479	53.75	199	22.370	320	9.53	167
19	51.592	453	55.74	235	22.690	305	7.86	137
29	52.045	416	58.09	265	22.995	284	6.49	104
Aug. 8	52.461	372	60.74	290	23.279	256	5.45	70
18	52.833	322	63.64	308	23.535	223	4.75	34
28	53.155	268	66.72	319	23.758	186	4.41	2
Sept. 7	53.423	210	69.91	326	23.944	148	4.43	35
17	53.633	153	73.17	324	24.092	108	4.78	65
27	53.786	96	76.41	317	24.200	70	5.43	91
Okt. 6	[1] 53.882	39	79.58	304	[2] 24.270	33	6.34	111
16	53.921	16	82.62	283	24.303	0	7.45	125
26	53.905	66	85.45	258	24.303	30	8.70	133
Nov. 5	53.839	113	88.03	225	24.273	56	10.03	135
15	53.726	158	90.28	187	24.217	77	11.38	130
25	53.568	195	92.15	145	24.140	94	12.68	120
Dez. 5	53.373	228	93.60	97	24.046	108	13.88	105
15	53.145	254	94.57	47	23.938	117	14.93	87
25	52.891	270	95.04	5	23.821	123	15.80	65
35	52.621		94.99		23.698		16.45	
Mittl. Ort	48.309		52.13		19.645		35.28	
sec δ, tg δ	1.797		+1.493		1.054		−0.332	
a, *a'*	+3.4		+19.8		+3.0		+19.7	
b, *b'*	+0.10		− 0.16		−0.02		− 0.18	

Tag	25) o Cassiopeiae AR.		25) o Cassiopeiae Dekl.		24) 21 Cassiopeiae AR.		24) 21 Cassiopeiae Dekl.	
1935	$0^h\ 41^m$		$+47°\ 55'$		$0^h\ 41^m$		$+74°\ 37'$	
Jan. 0	6.316 s	208	64.79"	43	19.35 s	70	85.01"	7
10	6.108	211	64.36	87	18.65	69	85.08	55
20	5.897	203	63.49	128	17.96	67	84.53	114
30	5.694	185	62.21	163	17.29	61	83.39	168
Feb. 9	5.509	158	60.58	191	16.68	52	81.71	215
19	5.351	120	58.67	212	16.16	42	79.56	252
März 1	5.231	74	56.55	222	15.74	28	77.04	279
11	5.157	20	54.33	223	15.46	14	74.25	294
21	5.137	41	52.10	213	15.32	2	71.31	297
31	5.178	103	49.97	196	15.34	17	68.34	287
Apr. 10	5.281	166	48.01	169	15.51	33	65.47	266
20	5.447	228	46.32	134	15.84	47	62.81	236
30	5.675	284	44.98	96	16.31	60	60.45	197
Mai 10	5.959	333	44.02	52	16.91	72	58.48	152
20	6.292	374	43.50	7	17.63	81	56.96	101
30	6.666	404	43.43	40	18.44	87	55.95	47
Juni 9	7.070	424	43.83	85	19.31	92	55.48	8
19	7.494	433	44.68	127	20.23	93	55.56	63
29	7.927	431	45.95	168	21.16	93	56.19	116
Juli 9	8.358	417	47.63	202	22.09	90	57.35	165
19	8.775	396	49.65	233	22.99	85	59.00	212
29	9.171	365	51.98	257	23.84	79	61.12	254
Aug. 8	9.536	328	54.55	277	24.63	70	63.66	289
18	9.864	285	57.32	290	25.33	61	66.55	319
28	10.149	240	60.22	297	25.94	50	69.74	342
Sept. 7	10.389	192	63.19	298	26.44	40	73.16	358
17	10.581	143	66.17	293	26.84	27	76.74	367
27	10.724	95	69.10	284	27.11	16	80.41	369
Okt. 6	[2] 10.819	48	71.94	268	[2] 27.27	4	84.10	362
16	10.867	3	74.62	247	27.31	9	87.72	348
26	10.870	38	77.09	221	27.22	19	91.20	326
Nov. 5	10.832	76	79.30	191	27.03	31	94.46	296
15	10.756	112	81.21	156	26.72	42	97.42	258
25	10.644	143	82.77	116	26.30	50	100.00	213
Dez. 5	10.501	169	83.93	74	25.80	59	102.13	160
15	10.332	191	84.67	30	25.21	64	103.73	104
25	10.141	205	84.97	17	24.57	69	104.77	43
35	9.936		84.80		23.88		105.20	
Mittl. Ort	5.602		43.97		19.10		59.12	
sec δ, tg δ	1.492		+1.108		3.774		+3.639	
a, *a'*	+3.3		+19.7		+3.9		+19.7	
b, *b'*	+0.07		− 0.18		+0.24		− 0.18	

Tag	27) ζ Andromedae AR.		27) ζ Andromedae Dekl.		32) γ Cassiopeiae AR.		32) γ Cassiopeiae Dekl.		33) μ Andromedae AR.		33) μ Andromedae Dekl.		35) α Sculptoris AR.		35) α Sculptoris Dekl.	
1935	$0^h\ 43^m$		$+23°\ 54'$		$0^h\ 52^m$		$+60°\ 21'$		$0^h\ 53^m$		$+38°\ 8'$		$0^h\ 55^m$		$-29°\ 41'$	
Jan. 0	$54^s.176$	125	$63''.58$	65	$46^s.90$	32	$78''.28$	8	$9^s.161$	161	$68''.12$	45	$29^s.600$	148	$95''.52$	43
10	54.051	128	62.93	86	46.58	33	78.20	63	9.000	166	67.67	80	29.452	148	95.95	6
20	53.923	123	62.07	103	46.25	31	77.57	113	8.834	162	66.87	112	29.304	143	96.01	30
30	53.800	114	61.04	117	45.94	30	76.44	159	8.672	152	65.75	140	29.161	132	95.71	67
Feb. 9	53.686	96	59.87	124	45.64	26	74.85	198	8.520	132	64.35	161	29.029	115	95.04	101
19	53.590	72	58.63	126	45.38	20	72.87	230	8.388	103	62.74	175	28.914	93	94.03	135
März 1	53.518	41	57.37	121	45.18	14	70.57	250	8.285	67	60.99	181	28.821	63	92.68	166
11	53.477	3	56.16	111	45.04	7	68.07	261	8.218	22	59.18	179	28.758	28	91.02	195
21	53.474	38	55.05	93	44.97	1	65.46	259	8.196	28	57.39	168	28.730	10	89.07	220
31	53.512	84	54.12	70	44.98	10	62.87	248	8.224	81	55.71	150	28.740	55	86.87	241
Apr. 10	53.596	131	53.42	43	45.08	19	60.39	225	8.305	136	54.21	124	28.795	99	84.46	257
20	53.727	177	52.99	11	45.27	27	58.14	196	8.441	189	52.97	92	28.894	145	81.89	271
30	53.904	220	52.88	22	45.54	34	56.18	157	8.630	240	52.05	56	29.039	190	79.18	276
Mai 10	54.124	259	53.10	55	45.88	41	54.61	114	8.870	285	51.49	17	29.229	232	76.42	278
20	54.383	291	53.65	90	46.29	47	53.47	66	9.155	323	51.32	23	29.461	268	73.64	272
30	54.674	316	54.55	120	46.76	51	52.81	16	9.478	352	51.55	63	29.729	299	70.92	261
Juni 9	54.990	334	55.75	149	47.27	53	52.65	35	9.830	373	52.18	102	30.028	322	68.31	242
19	55.324	342	57.24	174	47.80	55	53.00	83	10.203	383	53.20	138	30.350	336	65.89	219
29	55.666	341	58.98	194	48.35	55	53.83	131	10.586	384	54.58	171	30.686	343	63.70	188
Juli 9	56.007	333	60.92	209	48.90	54	55.14	175	10.970	375	56.29	198	31.029	339	61.82	153
19	56.340	316	63.01	219	49.44	51	56.89	214	11.345	359	58.27	222	31.368	328	60.29	115
29	56.656	293	65.20	223	49.95	48	59.03	249	11.704	333	60.49	239	31.696	308	59.14	74
Aug. 8	56.949	265	67.43	223	50.43	44	61.52	278	12.037	303	62.88	251	32.004	281	58.40	31
18	57.214	231	69.66	218	50.87	38	64.30	300	12.340	268	65.39	259	32.285	248	58.09	12
28	57.445	196	71.84	208	51.25	32	67.30	318	12.608	228	67.98	260	32.533	210	58.21	54
Sept. 7	57.641	158	73.92	196	51.57	26	70.48	327	12.836	187	70.58	256	32.743	169	58.75	92
17	57.799	120	75.88	179	51.83	20	73.75	332	13.023	146	73.14	248	32.912	126	59.67	125
27	57.919	84	77.67	160	52.03	14	77.07	329	13.169	104	75.62	236	33.038	84	60.92	153
Okt. 6	58.003	49	79.27	140	52.17	7	80.36	319	13.273	65	77.98	219	33.122	43	62.45	174
16	58.052	17	80.67	118	52.24	1	83.55	304	13.338	27	80.17	199	33.165	5	64.19	185
26	58.069	12	81.85	95	52.25	5	86.59	280	13.365	9	82.16	175	33.170	31	66.04	190
Nov. 5	58.057	39	82.80	71	52.20	10	89.39	251	13.356	41	83.91	148	33.139	62	67.94	186
15	58.018	62	83.51	47	52.10	16	91.90	216	13.315	72	85.39	118	33.077	88	69.80	174
25	57.956	83	83.98	21	51.94	21	94.06	174	13.243	98	86.57	84	32.989	110	71.54	155
Dez. 5	57.873	100	84.19	4	51.73	25	95.80	128	13.145	123	87.41	49	32.879	127	73.09	129
15	57.773	114	84.15	30	51.48	29	97.08	76	13.022	142	87.90	13	32.752	141	74.38	100
25	57.659	124	83.85	53	51.19	31	97.84	23	12.880	156	88.03	24	32.611	148	75.38	67
35	57.535		83.32		50.88		98.07		12.724		87.79		32.463		76.05	
Mittl. Ort	53.309		49.93		46.13		54.52		8.274		49.87		28.446		91.03	
sec δ, tg δ	1.094		+0.443		2.022		+1.758		1.272		+0.785		1.151		−0.571	
a, *a'*	+3.2		+19.7		+3.6		+19.5		+3.3		+19.5		+2.9		+19.5	
b, *b'*	+0.03		− 0.19		+0.11		− 0.23		+0.05		− 0.23		−0.04		− 0.24	

Tag	36) ε Piscium AR.		36) ε Piscium Dekl.		38) β Phoenicis AR.		38) β Phoenicis Dekl.		42) β Andromedae AR.		42) β Andromedae Dekl.		45) υ Piscium AR.		45) υ Piscium Dekl.	
1935	$0^h 59^m$		$+7° 32'$		$1^h 3^m$		$-47° 3'$		$1^h 6^m$		$+35° 16'$		$1^h 15^m$		$+26° 55'$	
Jan. 0	35.062^s	109	$34.40''$	66	12.382^s	226	$69.21''$	23	6.158^s	149	$52.62''$	40	54.374^s	127	$37.38''$	45
10	34.953	113	33.74	69	12.156	225	69.44	27	6.009	157	52.22	71	54.247	137	36.93	67
20	34.840	113	33.05	68	11.931	217	69.17	77	5.852	157	51.51	100	54.110	139	36.26	89
30	34.727	106	32.37	65	11.714	201	68.40	123	5.695	150	50.51	126	53.971	135	35.37	106
Feb. 9	34.621	93	31.72	58	11.513	178	67.17	168	5.545	134	49.25	146	53.836	123	34.31	118
19	34.528	74	31.14	49	11.335	149	65.49	207	5.411	108	47.79	159	53.713	102	33.13	125
März 1	34.454	48	30.65	35	11.186	113	63.42	243	5.303	75	46.20	165	53.611	73	31.88	126
11	34.406	15	30.30	17	11.073	69	60.99	273	5.228	34	44.55	163	53.538	37	30.62	121
21	34.391	21	30.13	3	11.004	20	58.26	297	5.194	13	42.92	154	53.501	5	29.41	108
31	34.412	63	30.16	26	10.984	33	55.29	315	5.207	65	41.38	136	53.506	51	28.33	91
Apr. 10	34.475	105	30.42	52	11.017	87	52.14	328	5.272	118	40.02	112	53.557	100	27.42	67
20	34.580	148	30.94	78	11.104	144	48.86	333	5.390	170	38.90	83	53.657	149	26.75	39
30	34.728	190	31.72	104	11.248	198	45.53	330	5.560	221	38.07	49	53.806	196	26.36	9
Mai 10	34.918	228	32.76	128	11.446	250	42.23	322	5.781	267	37.58	13	54.002	240	26.27	24
20	35.146	261	34.04	150	11.696	297	39.01	305	6.048	305	37.45	26	54.242	277	26.51	57
30	35.407	287	35.54	169	11.993	336	35.96	282	6.353	336	37.71	63	54.519	308	27.08	89
Juni 9	35.694	307	37.23	184	12.329	367	33.14	251	6.689	358	38.34	99	54.827	331	27.97	119
19	36.001	318	39.07	193	12.696	389	30.63	215	7.047	371	39.33	133	55.158	344	29.16	146
29	36.319	321	41.00	198	13.085	400	28.48	172	7.418	374	40.66	163	55.502	350	30.62	169
Juli 9	36.640	316	42.98	199	13.485	401	26.76	126	7.792	369	42.29	189	55.852	347	32.31	188
19	36.956	304	44.97	192	13.886	391	25.50	76	8.161	355	44.18	209	56.199	335	34.19	202
29	37.260	285	46.89	183	14.277	369	24.74	25	8.516	333	46.27	226	56.534	317	36.21	210
Aug. 8	37.545	260	48.72	169	14.646	340	24.49	28	8.849	306	48.53	237	56.851	292	38.31	214
18	37.805	231	50.41	150	14.986	302	24.77	78	9.155	272	50.90	242	57.143	264	40.45	213
28	38.036	198	51.91	130	15.288	255	25.55	126	9.427	237	53.32	243	57.407	230	42.58	208
Sept. 7	38.234	164	53.21	108	15.543	205	26.81	168	9.664	198	55.75	239	57.637	195	44.66	199
17	38.398	129	54.29	85	15.748	151	28.49	204	9.862	158	58.14	230	57.832	159	46.65	187
27	38.527	94	55.14	62	15.899	95	30.53	231	10.020	119	60.44	218	57.991	123	48.52	172
Okt. 7	38.621	62	55.76	40	15.994	41	32.84	249	10.139	81	62.62	202	58.114	88	50.24	154
16	^{7}38.683	31	56.16	19	^{8}16.035	12	35.33	258	^{8}10.220	44	64.64	183	^{11}58.202	55	51.78	135
26	38.714	3	56.35	1	16.023	61	37.91	254	10.264	10	66.47	161	58.257	23	53.13	114
Nov. 5	38.717	22	56.36	15	15.962	104	40.45	240	10.274	23	68.08	136	58.280	8	54.27	92
15	38.695	44	56.21	30	15.858	143	42.85	218	10.251	53	69.44	108	58.272	35	55.19	68
25	38.651	65	55.91	42	15.715	173	45.03	187	10.198	81	70.52	78	58.237	61	55.87	44
Dez. 5	38.586	82	55.49	52	15.542	198	46.90	148	10.117	106	71.30	47	58.176	85	56.31	20
15	38.504	96	54.97	60	15.344	216	48.38	103	10.011	127	71.77	13	58.091	105	56.51	6
25	38.408	107	54.37	65	15.128	226	49.41	56	9.884	143	71.90	21	57.986	122	56.45	31
35	38.301		53.72		14.902		49.97		9.741		71.69		57.864		56.14	
Mittl. Ort	34.036		26.25		11.042		60.31		5.150		35.14		53.277		22.48	
sec δ, tg δ	1.009		+0.132		1.468		−1.075		1.225		+0.707		1.122		+0.508	
a, *a'*	+3.1		+19.4		+2.7		+19.3		+3.3		+19.2		+3.3		+19.0	
b, *b'*	+0.01		− 0.26		−0.07		− 0.27		+0.05		− 0.28		+0.03		− 0.33	

Tag	47) ϑ Ceti AR.		47) ϑ Ceti Dekl.		48) δ Cassiopeiae AR.		48) δ Cassiopeiae Dekl.		50) η Piscium AR.		50) η Piscium Dekl.		51) 40 Cassiopeiae AR.		51) 40 Cassiopeiae Dekl.	
1935	$1^h\ 20^m$		$-8°\ 30'$		$1^h\ 21^m$		$+59°\ 53'$		$1^h\ 28^m$		$+15°\ 0'$		$1^h\ 33^m$		$+72°\ 42'$	
Jan. 0	$47^s.616$	112	$63''.03$	71	$33^s.953$	300	$77''.13$	24	$1^s.261$	110	$51''.39$	55	$18^s.47$	57	$60''.65$	71
10	47.504	120	63.74	56	33.653	317	77.37	28	1.151	121	50.84	65	17.90	60	61.36	10
20	47.384	122	64.30	38	33.336	320	77.09	80	1.030	125	50.19	73	17.30	61	61.46	49
30	47.262	118	64.68	18	33.016	309	76.29	128	0.905	124	49.46	77	16.69	60	60.97	106
Feb. 9	47.144	109	64.86	3	32.707	281	75.01	170	0.781	115	48.69	79	16.09	54	59.91	159
19	47.035	92	64.83	25	32.426	239	73.31	205	0.666	98	47.90	76	15.55	48	58.32	204
März 1	46.943	69	64.58	48	32.187	183	71.26	231	0.568	75	47.14	69	15.07	38	56.28	240
11	46.874	39	64.10	72	32.004	114	68.95	247	0.493	43	46.45	57	14.69	27	53.88	267
21	46.835	4	63.38	96	31.890	36	66.48	253	0.450	6	45.88	42	14.42	13	51.21	281
31	46.831	35	62.42	120	31.854	47	63.95	248	0.444	36	45.46	21	14.29	0	48.40	285
Apr. 10	46.866	78	61.22	144	31.901	133	61.47	232	0.480	81	45.25	1	14.29	14	45.55	277
20	46.944	121	59.78	164	32.034	217	59.15	208	0.561	127	45.26	27	14.43	29	42.78	259
30	47.065	163	58.14	184	32.251	297	57.07	175	0.688	171	45.53	54	14.72	42	40.19	230
Mai 10	47.228	203	56.30	199	32.548	370	55.32	137	0.859	213	46.07	81	15.14	54	37.89	195
20	47.431	239	54.31	210	32.918	431	53.95	94	1.072	250	46.88	107	15.68	64	35.94	152
30	47.670	270	52.21	216	33.349	482	53.01	47	1.322	280	47.95	130	16.32	73	34.42	105
Juni 9	47.940	292	50.05	218	33.831	519	52.54	1	1.602	304	49.25	151	17.05	79	33.37	55
19	48.232	308	47.87	214	34.350	542	52.55	49	1.906	320	50.76	168	17.84	84	32.82	3
29	48.540	315	45.73	203	34.892	551	53.04	95	2.226	327	52.44	180	18.68	86	32.79	48
Juli 9	48.855	316	43.70	188	35.443	548	53.99	139	2.553	327	54.24	188	19.54	86	33.27	98
19	49.171	307	41.82	168	35.991	532	55.38	180	2.880	318	56.12	191	20.40	84	34.25	146
29	49.478	292	40.14	143	36.523	505	57.18	216	3.198	303	58.03	188	21.24	81	35.71	190
Aug. 8	49.770	271	38.71	115	37.028	468	59.34	248	3.501	282	59.91	182	22.05	76	37.61	230
18	50.041	244	37.56	85	37.496	424	61.82	273	3.783	256	61.73	170	22.81	69	39.91	266
28	50.285	214	36.71	53	37.920	373	64.55	293	4.039	226	63.43	157	23.50	62	42.57	295
Sept. 7	50.499	180	36.18	21	38.293	318	67.48	308	4.265	195	65.00	140	24.12	53	45.52	319
17	50.679	146	35.97	9	38.611	259	70.56	316	4.460	161	66.40	121	24.65	44	48.71	336
27	50.825	112	36.06	37	38.870	198	73.72	318	4.621	128	67.61	101	25.09	34	52.07	347
Okt. 7	50.937	78	36.43	61	39.068	137	76.90	313	4.749	95	68.62	82	25.43	23	55.54	350
16	[12] 51.015	45	37.04	81	[12] 39.205	75	80.03	303	[14] 4.844	63	69.44	61	[15] 25.66	13	59.04	347
26	51.060	16	37.85	95	39.280	14	83.06	285	4.907	34	70.05	42	25.79	2	62.51	334
Nov. 5	51.076	12	38.80	105	39.294	46	85.91	262	4.941	6	70.47	24	25.81	9	65.85	315
15	51.064	37	39.85	109	39.248	104	88.53	231	4.947	20	70.71	7	25.72	20	69.00	287
25	51.027	59	40.94	109	39.144	158	90.84	194	4.927	45	70.78	9	25.52	30	71.87	252
Dez. 5	50.968	79	42.03	103	38.986	208	92.78	152	4.882	67	70.69	24	25.22	40	74.39	209
15	50.889	95	43.06	94	38.778	252	94.30	106	4.815	88	70.45	37	24.82	47	76.48	159
25	50.794	109	44.00	83	38.526	286	95.36	54	4.727	104	70.08	51	24.35	54	78.07	104
35	50.685		44.83		38.240		95.90		4.623		69.57		23.81		79.11	
Mittl. Ort	46.419		65.77		32.742		53.45		0.068		40.44		16.79		35.05	
sec δ, tg δ	1.011		−0.150		1.994		+1.725		1.035		+0.268		3.365		+3.213	
a, *a'*	+3.0		+18.8		+3.9		+18.8		+3.2		+18.6		+4.8		+18.4	
b, *b'*	−0.01		−0.35		+0.11		−0.35		+0.02		−0.37		+0.20		−0.40	

Tag	52) υ Persei AR.		52) υ Persei Dekl.		54) α Eridani AR.		54) α Eridani Dekl.		55) 43 Cassiopeiae AR.		55) 43 Cassiopeiae Dekl.		57) φ Persei AR.		57) φ Persei Dekl.	
1935	$1^h 33^m$		$+48° 17'$		$1^h 35^m$		$-57° 33'$		$1^h 37^m$		$+67° 42'$		$1^h 39^m$		$+50° 21'$	
Jan. 0	60.750	196	79.48	10	19.528	326	70.05	45	31.46	42	79.68	62	35.802	207	64.75	21
10	60.554	214	79.58	33	19.202	333	70.50	12	31.04	45	80.30	6	35.595	226	64.96	24
20	60.340	221	79.25	75	18.869	330	70.38	67	30.59	46	80.36	51	35.369	236	64.72	68
30	60.119	218	78.50	114	18.539	317	69.71	121	30.13	45	79.85	105	35.133	232	64.04	108
Feb. 9	59.901	202	77.36	147	18.222	293	68.50	171	29.68	41	78.80	154	34.901	219	62.96	145
19	59.699	176	75.89	176	17.929	261	66.79	218	29.27	37	77.26	198	34.682	192	61.51	174
März 1	59.523	138	74.13	195	17.668	218	64.61	257	28.90	29	75.28	232	34.490	152	59.77	197
11	59.385	89	72.18	205	17.450	167	62.04	292	28.61	20	72.96	256	34.338	102	57.80	210
21	59.296	33	70.13	208	17.283	109	59.12	320	28.41	11	70.40	269	34.236	44	55.70	214
31	59.263	30	68.05	201	17.174	45	55.92	341	28.30	0	67.71	271	34.192	21	53.56	209
Apr. 10	59.293	96	66.04	184	17.129	23	52.51	354	28.30	12	65.00	263	34.213	89	51.47	194
20	59.389	161	64.20	161	17.152	93	48.97	361	28.42	23	62.37	244	34.302	158	49.53	173
30	59.550	224	62.59	131	17.245	164	45.36	358	28.65	34	59.93	216	34.460	224	47.80	143
Mai 10	59.774	283	61.28	95	17.409	231	41.78	349	28.99	43	57.77	180	34.684	285	46.37	109
20	60.057	333	60.33	55	17.640	294	38.29	332	29.42	52	55.97	139	34.969	339	45.28	69
30	60.390	375	59.78	15	17.934	351	34.97	306	29.94	58	54.58	93	35.308	383	44.59	28
Juni 9	60.765	407	59.63	27	18.285	397	31.91	273	30.52	64	53.65	45	35.691	418	44.31	14
19	61.172	429	59.90	69	18.682	435	29.18	234	31.16	68	53.20	5	36.109	441	44.45	56
29	61.601	439	60.59	108	19.117	459	26.84	189	31.84	70	53.25	55	36.550	453	45.01	97
Juli 9	62.040	439	61.67	145	19.576	472	24.95	138	32.54	70	53.80	103	37.003	455	45.98	135
19	62.479	429	63.12	177	20.048	471	23.57	83	33.24	68	54.83	149	37.458	446	47.33	169
29	62.908	409	64.89	205	20.519	458	22.74	26	33.92	66	56.32	190	37.904	427	49.02	199
Aug. 8	63.317	383	66.94	229	20.977	432	22.48	30	34.58	62	58.22	228	38.331	400	51.01	225
18	63.700	350	69.23	248	21.409	394	22.78	87	35.20	57	60.50	268	38.731	368	53.26	245
28	64.050	311	71.71	260	21.803	345	23.65	140	35.77	51	63.10	288	39.099	330	55.71	261
Sept. 7	64.361	270	74.31	269	22.148	288	25.05	188	36.28	44	65.98	309	39.429	287	58.32	271
17	64.631	226	77.00	271	22.436	224	26.93	229	36.72	36	69.07	324	39.716	241	61.03	275
27	64.857	180	79.71	270	22.660	156	29.22	262	37.08	29	72.31	333	39.957	196	63.78	275
Okt. 7	65.037	135	82.41	261	22.816	86	31.84	284	37.37	21	75.64	336	40.153	148	66.53	270
16*)	^{15}65.172	89	85.02	250	^{16}22.902	16	34.68	296	^{16}37.58	12	79.00	330	^{17}40.301	100	69.23	259
26	65.261	45	87.52	232	22.918	52	37.64	295	37.70	4	82.30	318	40.401	53	71.82	243
Nov. 5	65.306	0	89.84	210	22.866	116	40.59	283	37.74	4	85.48	298	40.454	6	74.25	221
15	65.306	43	91.94	183	22.750	173	43.42	259	37.70	12	88.46	271	40.460	39	76.46	196
25	65.263	83	93.77	152	22.577	222	46.01	226	37.58	21	91.17	236	40.421	83	78.42	164
Dez. 5	65.180	122	95.29	115	22.355	264	48.27	184	37.37	28	93.53	195	40.338	124	80.06	129
15	65.058	155	96.44	77	22.091	297	50.11	135	37.09	34	95.48	148	40.214	162	81.35	89
25	64.903	185	97.21	35	21.794	320	51.46	82	36.75	39	96.96	95	40.052	193	82.24	46
35	64.718		97.56		21.474		52.28		36.36		97.91		39.859		82.70	
Mittl. Ort	59.454		58.49		17.787		59.84		29.85		54.82		34.428		43.32	
sec δ, tg δ	1.503		+1.122		1.865		−1.574		2.637		+2.440		1.567		+1.207	
a, *a'*	+3.7		+18.4		+2.2		+18.3		+4.4		+18.3		+3.8		+18.2	
b, *b'*	+0.07		− 0.40		−0.10		− 0.40		+0.15		− 0.41		+0.07		− 0.42	

*) Bei Stern 57) lies Okt. 17

Scheinbare Sternörter 1935

Tag	59) τ Ceti [1]				60) ο Piscium				61) Lac. ε Sculptoris				62) ζ Ceti			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1935	$1^h 41^m$		−16° 16′		$1^h 41^m$		+8° 49′		$1^h 42^m$		−25° 22′		$1^h 48^m$		−10° 38′	
Jan. 0	4.204	125	45.21	77	58.774	104	61.32	60	37.424	137	40.45	83	16.409	111	77.58	81
10	4.079	134	45.98	51	58.670	117	60.72	63	37.287	148	41.28	48	16.298	124	78.39	63
20	3.945	138	46.49	25	58.553	124	60.09	64	37.139	153	41.76	14	16.174	131	79.02	42
30	3.807	138	46.74	2	58.429	125	59.45	62	36.986	151	41.90	21	16.043	132	79.44	20
Feb. 9	3.669	129	46.72	31	58.304	119	58.83	57	36.835	143	41.69	57	15.911	126	79.64	4
19	3.540	115	46.41	60	58.185	105	58.26	49	36.692	128	41.12	91	15.785	114	79.60	28
März 1	3.425	93	45.81	87	58.080	83	57.77	38	36.564	105	40.21	124	15.671	93	79.32	53
11	3.332	64	44.94	115	57.997	55	57.39	24	36.459	76	38.97	155	15.578	66	78.79	78
21	3.268	29	43.79	141	57.942	19	57.15	6	36.383	39	37.42	183	15.512	33	78.01	104
31	3.239	10	42.38	166	57.923	20	57.09	14	36.344	2	35.59	210	15.479	7	76.97	128
Apr. 10	3.249	53	40.72	188	57.943	64	57.23	37	36.346	46	33.49	231	15.486	48	75.69	151
20	3.302	97	38.84	208	58.007	109	57.60	61	36.392	92	31.18	249	15.534	93	74.18	173
30	3.399	142	36.76	224	58.116	154	58.21	85	36.484	139	28.69	262	15.627	137	72.45	191
Mai 10	3.541	185	34.52	236	58.270	196	59.06	109	36.623	184	26.07	270	15.764	179	70.54	207
20	3.726	222	32.16	242	58.466	233	60.15	131	36.807	224	23.37	271	15.943	217	68.47	217
30	3.948	256	29.74	243	58.699	265	61.46	150	37.031	259	20.66	267	16.160	252	66.30	224
Juni 9	4.204	282	27.31	239	58.964	291	62.96	166	37.290	289	17.99	256	16.412	278	64.06	224
19	4.486	302	24.92	228	59.255	308	64.62	178	37.579	311	15.43	238	16.690	299	61.82	219
29	4.788	312	22.64	212	59.563	319	66.40	184	37.890	324	13.05	214	16.989	310	59.63	208
Juli 9	5.100	316	20.52	189	59.882	320	68.24	186	38.214	330	10.91	185	17.299	315	57.55	191
19	5.416	312	18.63	162	60.202	315	70.10	183	38.544	326	9.06	150	17.614	312	55.64	170
29	5.728	299	17.01	130	60.517	302	71.93	176	38.870	315	7.56	112	17.926	301	53.94	143
Aug. 8	6.027	280	15.71	96	60.819	284	73.69	162	39.185	297	6.44	69	18.227	283	52.51	114
18	6.307	255	14.75	59	61.103	260	75.31	147	39.482	272	5.75	27	18.510	262	51.37	81
28	6.562	226	14.16	21	61.363	232	76.78	128	39.754	242	5.48	16	18.772	234	50.56	47
Sept. 7	6.788	194	13.95	15	61.595	202	78.06	107	39.996	208	5.64	58	19.006	203	50.09	12
17	6.982	160	14.10	50	61.797	171	79.13	85	40.204	171	6.22	96	19.209	172	49.97	20
27	7.142	125	14.60	81	61.968	138	79.98	63	40.375	134	7.18	129	19.381	138	50.17	50
Okt. 7	7.267	89	15.41	107	62.106	106	80.61	41	40.509	96	8.47	156	19.519	105	50.67	76
17	7.356	55	16.48	128	62.212	76	81.02	21	40.605	59	10.03	177	19.624	72	51.43	98
26	7.411	23	17.76	141	62.288	46	81.23	3	40.664	24	11.80	188	19.696	41	52.41	113
Nov. 5	7.434	6	19.17	148	62.334	18	81.26	13	40.688	10	13.68	193	19.737	12	53.54	124
15	7.428	35	20.65	148	62.352	9	81.13	27	40.678	40	15.61	188	19.749	16	54.78	128
25	7.393	60	22.13	142	62.343	34	80.86	38	40.638	68	17.49	176	19.733	42	56.06	126
Dez. 5	7.333	83	23.55	131	62.309	58	80.48	47	40.570	93	19.25	157	19.691	66	57.32	120
15	7.250	103	24.86	114	62.251	79	80.01	55	40.477	115	20.82	133	19.625	86	58.52	109
25	7.147	118	26.00	92	62.172	97	79.46	60	40.362	132	22.15	105	19.539	105	59.61	95
35	7.029		26.92		62.075		78.86		40.230		23.20		19.434		60.56	
Mittl. Ort	2.887		45.50		57.489		52.44		36.037		38.07		15.055		79.91	
sec δ, tg δ	1.042		−0.292		1.012		+0.155		1.107		−0.474		1.018		−0.188	
a, *a′*	+2.9		+18.1		+3.2		+18.1		+2.8		+18.1		+3.0		+17.8	
b, *b′*	−0.02		−0.43		+0.01		−0.43		−0.03		−0.43		−0.01		−0.45	

[1] Die jährliche Parallaxe (0.″31) ist bereits berücksichtigt.

Tag	64) α Trianguli AR.		64) α Trianguli Dekl.		63) ε Cassiopeiae AR.		63) ε Cassiopeiae Dekl.		65) ξ Piscium AR.		65) ξ Piscium Dekl.		67) ψ Phoenicis AR.		67) ψ Phoenicis Dekl.	
1935	$1^h 49^m$		+29° 15′		$1^h 49^m$		+63° 21′		$1^h 50^m$		+2° 52′		$1^h 51^m$		−46° 36′	
Jan. 0	23.563	123	62.11	22	43.48	33	27.47	66	12.631	103	8.89	68	4.090	226	82.38	79
10	23.440	140	61.89	47	43.15	36	28.13	12	12.528	116	8.21	64	3.864	238	83.17	29
20	23.300	150	61.42	69	42.79	37	28.25	42	12.412	124	7.57	58	3.626	242	83.46	22
30	23.150	153	60.73	90	42.42	38	27.83	94	12.288	127	6.99	49	3.384	238	83.24	73
Feb. 9	22.997	146	59.83	105	42.04	35	26.89	141	12.161	122	6.50	39	3.146	226	82.51	120
19	22.851	130	58.78	118	41.69	31	25.48	182	12.039	109	6.11	26	2.920	204	81.31	166
März 1	22.721	105	57.60	124	41.38	26	23.66	216	11.930	90	5.85	11	2.716	175	79.65	207
11	22.616	72	56.36	124	41.12	18	21.50	240	11.840	62	5.74	7	2.541	137	77.58	243
21	22.544	31	55.12	117	40.94	11	19.10	253	11.778	28	5.81	27	2.404	93	75.15	274
31	22.513	15	53.95	105	40.83	1	16.57	257	11.750	10	6.08	49	2.311	42	72.41	300
Apr. 10	22.528	65	52.90	86	40.82	8	14.00	248	11.760	53	6.57	72	2.269	13	69.41	319
20	22.593	117	52.04	64	40.90	18	11.52	232	11.813	98	7.29	95	2.282	71	66.22	331
30	22.710	167	51.40	36	41.08	27	9.20	206	11.911	142	8.24	117	2.353	128	62.91	338
Mai 10	22.877	214	51.04	6	41.35	36	7.14	173	12.053	184	9.41	139	2.481	185	59.53	335
20	23.091	258	50.98	25	41.71	44	5.41	134	12.237	222	10.80	157	2.666	237	56.18	325
30	23.349	293	51.23	56	42.15	49	4.07	91	12.459	256	12.37	172	2.903	284	52.93	309
Juni 9	23.642	321	51.79	86	42.64	55	3.16	44	12.715	281	14.09	183	3.187	325	49.84	283
19	23.963	342	52.65	113	43.19	58	2.72	3	12.996	301	15.92	190	3.512	356	47.01	253
29	24.305	353	53.78	139	43.77	61	2.75	50	13.297	312	17.82	191	3.868	378	44.48	214
Juli 9	24.658	356	55.17	160	44.38	61	3.25	95	13.609	316	19.73	187	4.246	389	42.34	169
19	25.014	350	56.77	176	44.99	60	4.20	139	13.925	312	21.60	179	4.635	391	40.65	121
29	25.364	337	58.53	188	45.59	58	5.59	179	14.237	300	23.39	165	5.026	382	39.44	69
Aug. 8	25.701	318	60.41	196	46.17	55	7.38	214	14.537	284	25.04	148	5.408	363	38.75	14
18	26.019	293	62.37	199	46.72	51	9.52	245	14.821	262	26.52	126	5.771	336	38.61	40
28	26.312	264	64.36	198	47.23	46	11.97	271	15.083	235	27.78	102	6.107	299	39.01	92
Sept. 7	26.576	233	66.34	192	47.69	40	14.68	291	15.318	206	28.80	77	6.406	257	39.93	142
17	26.809	198	68.26	184	48.09	35	17.59	306	15.524	175	29.57	52	6.663	209	41.35	186
27	27.007	165	70.10	173	48.44	28	20.65	315	15.699	143	30.09	27	6.872	159	43.21	222
Okt. 7	27.172	130	71.83	159	48.72	21	23.80	316	15.842	112	30.36	3	7.031	106	45.43	250
17	27.302	95	73.42	143	48.93	15	26.96	312	15.954	81	30.39	17	7.137	54	47.93	267
26	27.397	63	74.85	126	49.08	7	30.08	302	16.035	51	30.22	35	7.191	2	50.60	275
Nov. 5	27.460	29	76.11	106	49.15	1	33.10	283	16.086	23	29.87	49	7.193	46	53.35	270
15	27.489	3	77.17	86	49.16	7	35.93	259	16.109	4	29.38	60	7.147	90	56.05	256
25	27.486	33	78.03	64	49.09	13	38.52	226	16.105	30	28.78	67	7.057	131	58.61	232
Dez. 5	27.453	62	78.67	40	48.96	20	40.78	189	16.075	54	28.11	72	6.926	166	60.93	197
15	27.391	90	79.07	16	48.76	26	42.67	145	16.021	76	27.39	74	6.760	195	62.90	158
25	27.301	114	79.23	9	48.50	31	44.12	95	15.945	95	26.65	72	6.565	218	64.48	112
35	27.187		79.14		48.19		45.07		15.850		25.93		6.347		65.60	
Mittl. Ort	22.209		46.57		41.76		3.54		11.292		2.02		2.457		74.68	
sec δ, tg δ	1.146		+0.560		2.230		+1.993		1.001		+0.050		1.456		−1.058	
a, a'	+3.4		+17.8		+4.3		+17.8		+3.1		+17.8		+2.4		+17.7	
b, b'	+0.03		− 0.46		+0.12		− 0.46		0.00		− 0.46		−0.06		− 0.47	

Tag	66) β Arietis				68) χ Eridani				72) α Hydri				71) υ Ceti			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1935	$1^h 51^m$		+20° 29′		$1^h 53^m$		−51° 55′		$1^h 56^m$		−61° 52′		$1^h 56^m$		−21° 22′	
	s		″		s		″		s		″		s		″	
Jan. 0	3.997	110	40.50	39	27.417	265	64.99	76	45.29	38	79.19	67	57.971	127	92.41	92
10	3.887	125	40.11	54	27.152	277	65.75	22	44.91	40	79.86	10	57.844	140	93.33	62
20	3.762	135	39.57	68	26.875	281	65.97	32	44.51	41	79.96	49	57.704	148	93.95	31
30	3.627	137	38.89	79	26.594	276	65.65	85	44.10	40	79.47	106	57.556	150	94.26	3
Feb. 9	3.490	132	38.10	86	26.318	262	64.80	135	43.70	37	78.41	158	57.406	144	94.23	35
19	3.358	119	37.24	89	26.056	238	63.45	182	43.33	34	76.83	207	57.262	132	93.88	67
März 1	3.239	97	36.35	89	25.818	204	61.63	224	42.99	30	74.76	250	57.130	112	93.21	99
11	3.142	66	35.46	82	25.614	163	59.39	261	42.69	25	72.26	288	57.018	84	92.22	130
21	3.076	29	34.64	71	25.451	113	56.78	293	42.44	18	69.38	318	56.934	50	90.92	158
31	3.047	14	33.93	55	25.338	59	53.85	318	42.26	11	66.20	343	56.884	11	89.34	185
Apr. 10	3.061	60	33.38	35	25.279	2	50.67	335	42.15	3	62.77	358	56.873	33	87.49	208
20	3.121	108	33.03	12	25.281	65	47.32	347	42.12	4	59.19	367	56.906	78	85.41	228
30	3.229	155	32.91	14	25.346	128	43.85	350	42.16	13	55.52	367	56.984	125	83.13	243
Mai 10	3.384	200	33.05	42	25.474	190	40.35	348	42.29	21	51.85	359	57.109	169	80.70	255
20	3.584	241	33.47	69	25.664	249	36.87	335	42.50	27	48.26	343	57.278	210	78.15	259
30	3.825	274	34.16	96	25.913	300	33.52	316	42.77	35	44.83	320	57.488	246	75.56	258
Juni 9	4.099	302	35.12	119	26.213	345	30.36	288	43.12	41	41.63	289	57.734	277	72.98	252
19	4.401	322	36.31	140	26.558	382	27.48	254	43.53	45	38.74	249	58.011	300	70.46	238
29	4.723	333	37.71	158	26.940	407	24.94	212	43.98	49	36.25	204	58.311	314	68.08	218
Juli 9	5.056	336	39.29	170	27.347	421	22.82	166	44.47	51	34.21	153	58.625	322	65.90	193
19	5.392	331	40.99	179	27.768	425	21.16	115	44.98	52	32.68	98	58.947	321	63.97	161
29	5.723	319	42.78	183	28.193	416	20.01	59	45.50	52	31.70	41	59.268	312	62.36	127
Aug. 8	6.042	301	44.61	182	28.609	397	19.42	4	46.02	49	31.29	19	59.580	296	61.09	87
18	6.343	278	46.43	177	29.006	368	19.38	53	46.51	45	31.48	78	59.876	274	60.22	47
28	6.621	250	48.20	168	29.374	329	19.91	107	46.96	41	32.26	134	60.150	247	59.75	5
Sept. 7	6.871	220	49.88	156	29.703	283	20.98	158	47.37	35	33.60	185	60.397	217	59.70	35
17	7.091	189	51.44	142	29.986	230	22.56	202	47.72	29	35.45	230	60.614	182	60.05	74
27	7.280	156	52.86	126	30.216	173	24.58	239	48.01	21	37.75	267	60.796	147	60.79	108
Okt. 7	7.436	124	54.12	108	30.389	115	26.97	267	48.22	12	40.42	293	60.943	112	61.87	136
17	(20) 7.560	92	55.20	91	(20) 30.504	54	29.64	283	(21) 48.34	5	43.35	307	(21) 61.055	76	63.23	158
26	7.652	61	56.11	72	30.558	3	32.47	289	48.39	3	46.42	311	61.131	42	64.81	173
Nov. 5	7.713	30	56.83	55	30.555	59	35.36	283	48.36	11	49.53	302	61.173	9	66.54	180
15	7.743	1	57.38	37	30.496	111	38.19	266	48.25	18	52.55	280	61.182	21	68.34	180
25	7.744	27	57.75	20	30.385	157	40.85	239	48.07	24	55.35	249	61.161	50	70.14	171
Dez. 5	7.717	54	57.95	2	30.228	196	43.24	203	47.83	29	57.84	208	61.111	76	71.85	156
15	7.663	78	57.97	16	30.032	230	45.27	159	47.54	35	59.92	159	61.035	99	73.41	137
25	7.585	101	57.81	31	29.802	256	46.86	110	47.19	37	61.51	105	60.936	119	74.78	111
35	7.484		57.50		29.546		47.96		46.82		62.56		60.817		75.89	
Mittl. Ort	2.650		27.75		25.678		56.29		43.26		68.96		56.531		91.47	
sec δ, tg δ	1.068		+0.374		1.622		−1.277		2.122		−1.872		1.074		−0.392	
a, *a′*	+3.3		+17.7		+2.3		+17.6		+1.9		+17.5		+2.8		+17.5	
b, *b′*	+0.02		− 0.47		−0.07		− 0.48		−0.11		− 0.49		−0.02		− 0.49	

Tag	70) 50 Cassiopeiae AR.		Dekl.	
1935	$1^h\ 57^m$		$+72°\ 6'$	
Jan. 0	52.78	52	53.81	99
10	52.26	57	54.80	41
20	51.69	59	55.21	18
30	51.10	59	55.03	75
Feb. 9	50.51	55	54.28	130
19	49.96	50	52.98	178
März 1	49.46	43	51.20	218
11	49.03	32	49.02	250
21	48.71	19	46.52	270
31	48.52	7	43.82	279
Apr. 10	48.45	7	41.03	277
20	48.52	21	38.26	265
30	48.73	34	35.61	242
Mai 10	49.07	46	33.19	212
20	49.53	57	31.07	174
30	50.10	67	29.33	131
Juni 9	50.77	75	28.02	84
19	51.52	79	27.18	34
29	52.31	83	26.84	15
Juli 9	53.14	85	26.99	65
19	53.99	84	27.64	112
29	54.83	82	28.76	158
Aug. 8	55.65	78	30.34	199
18	56.43	73	32.33	236
28	57.16	66	34.69	269
Sept. 7	57.82	59	37.38	295
17	58.41	51	40.33	316
27	58.92	41	43.49	331
Okt. 7	59.33	31	46.80	338
17	[22] 59.64	22	50.18	340
26	59.86	10	53.58	333
Nov. 5	59.96	0	56.91	318
15	59.96	11	60.09	297
25	59.85	21	63.06	266
Dez. 5	59.64	32	65.72	228
15	59.32	41	68.00	182
25	58.91	48	69.82	131
35	58.43		71.13	
Mittl. Ort	50.50		28.76	
sec δ, tg δ	3.255		+3.097	
a, *a'*	+5.1		+17.5	
b, *b'*	+0.18		— 0.49	

Tag	73) γ Andromedae AR.		Dekl.	
1935	$1^h\ 59^m$		$+42°\ 1'$	
Jan. 0	55.511	155	26.13	18
10	55.356	177	26.31	20
20	55.179	191	26.11	54
30	54.988	195	25.57	88
Feb. 9	54.793	188	24.69	118
19	54.605	171	23.51	142
März 1	54.434	142	22.09	160
11	54.292	103	20.49	172
21	54.189	55	18.77	174
31	54.134	1	17.03	168
Apr. 10	54.133	58	15.35	157
20	54.191	118	13.78	136
30	54.309	177	12.42	110
Mai 10	54.486	232	11.32	80
20	54.718	283	10.52	46
30	55.001	325	10.06	10
Juni 9	55.326	360	9.96	26
19	55.686	384	10.22	63
29	56.070	398	10.85	96
Juli 9	56.468	405	11.81	128
19	56.873	400	13.09	156
29	57.273	388	14.65	180
Aug. 8	57.661	368	16.45	200
18	58.029	343	18.45	215
28	58.372	311	20.60	225
Sept. 7	58.683	277	22.85	231
17	58.960	241	25.16	232
27	59.201	201	27.48	230
Okt. 7	59.402	162	29.78	222
17	[22] 59.564	122	32.00	213
26	59.686	82	34.13	198
Nov. 5	59.768	41	36.11	180
15	59.809	2	37.91	158
25	59.811	36	39.49	132
Dez. 5	59.775	75	40.81	104
15	59.700	110	41.85	71
25	59.590	141	42.56	38
35	59.449		42.94	
Mittl. Ort	53.998		7.10	
sec δ, tg δ	1.346		+0.901	
a, *a'*	+3.7		+17.4	
b, *b'*	+0.05		— 0.50	

Tag	74) α Arietis AR.		Dekl.	
1935	$2^h\ 3^m$		$+23°\ 9'$	
Jan. 0	31.658	109	35.00	29
10	31.549	127	34.71	46
20	31.422	139	34.25	62
30	31.283	144	33.63	76
Feb. 9	31.139	142	32.87	86
19	30.997	129	32.01	93
März 1	30.868	109	31.08	95
11	30.759	79	30.13	92
21	30.680	42	29.21	84
31	30.638	2	28.37	71
Apr. 10	30.640	48	27.66	52
20	30.688	98	27.14	31
30	30.786	146	26.83	5
Mai 10	30.932	193	26.78	21
20	31.125	234	26.99	49
30	31.359	272	27.48	76
Juni 9	31.631	300	28.24	101
19	31.931	323	29.25	124
29	32.254	335	30.49	143
Juli 9	32.589	341	31.92	159
19	32.930	338	33.51	170
29	33.268	328	35.21	176
Aug. 8	33.596	312	36.97	179
18	33.908	290	38.76	177
28	34.198	264	40.53	171
Sept. 7	34.462	235	42.24	161
17	34.697	204	43.85	150
27	34.901	173	45.35	136
Okt. 7	35.074	140	46.71	120
17	[23] 35.214	108	47.91	104
26	35.322	76	48.95	86
Nov. 5	35.398	44	49.81	70
15	35.442	14	50.51	52
25	35.456	17	51.03	34
Dez. 5	35.439	45	51.37	16
15	35.394	73	51.53	2
25	35.321	98	51.51	20
35	35.223		51.31	
Mittl. Ort	30.220		21.49	
sec δ, tg δ	1.088		+0.428	
a, *a'*	+3.4		+17.2	
b, *b'*	+0.02		— 0.51	

Tag	75) β Trianguli AR.		Dekl.	
1935	$2^h\ 5^m$		$+34°\ 40'$	
Jan. 0	41.603	129	67.57	1
10	41.474	151	67.58	27
20	41.323	164	67.31	55
30	41.159	170	66.76	81
Feb. 9	40.989	166	65.95	105
19	40.823	153	64.90	122
März 1	40.670	128	63.68	134
11	40.542	94	62.34	140
21	40.448	52	60.94	140
31	40.396	4	59.54	132
Apr. 10	40.392	50	58.22	117
20	40.442	104	57.05	98
30	40.546	158	56.07	72
Mai 10	40.704	210	55.35	44
20	40.914	256	54.91	13
30	41.170	296	54.78	20
Juni 9	41.466	328	54.98	52
19	41.794	352	55.50	83
29	42.146	367	56.33	111
Juli 9	42.513	373	57.44	137
19	42.886	370	58.81	159
29	43.256	360	60.40	176
Aug. 8	43.616	343	62.16	189
18	43.959	319	64.05	199
28	44.278	292	66.04	202
Sept. 7	44.570	261	68.06	203
17	44.831	227	70.09	200
27	45.058	192	72.09	193
Okt. 7	45.250	157	74.02	183
17	[23] 45.407	121	75.85	171
26	45.528	86	77.56	156
Nov. 5	45.614	49	79.12	138
15	45.663	14	80.50	118
25	45.677	21	81.68	97
Dez. 5	45.656	55	82.65	72
15	45.601	87	83.37	45
25	45.514	116	83.82	17
35	45.398		83.99	
Mittl. Ort	40.094		50.64	
sec δ, tg δ	1.216		+0.692	
a, *a'*	+3.6		+17.1	
b, *b'*	+0.04		— 0.52	

Scheinbare Sternörter 1935

Tag	76) 55 Cassiopeiae				78) Lac. μ. Fornacis				80) 67 Ceti				85) ξ² Ceti			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1935	2h 9m		+66° 13′		2h 10m		−31° 1′		2h 13m		−6° 42′		2h 24m		+8° 10′	
	s		″		s		″		s		″		s		″	
Jan. 0	23.42	35	39.71	95	4.338	150	44.85	105	45.858	102	71.60	87	43.534	92	19.27	60
10	23.07	40	40.66	42	4.188	166	45.90	66	45.756	119	72.47	71	43.442	113	18.67	60
20	22.67	43	41.08	13	4.022	175	46.56	26	45.637	131	73.18	54	43.329	127	18.07	58
30	22.24	43	40.95	67	3.847	179	46.82	15	45.506	137	73.72	36	43.202	136	17.49	56
Feb. 9	21.81	42	40.28	118	3.668	174	46.67	56	45.369	135	74.08	15	43.066	137	16.93	50
19	21.39	38	39.10	164	3.494	162	46.11	95	45.234	127	74.23	6	42.929	130	16.43	43
März 1	21.01	32	37.46	202	3.332	141	45.16	133	45.107	111	74.17	29	42.799	115	16.00	32
11	20.69	25	35.44	232	3.191	114	43.83	167	44.996	85	73.88	52	42.684	90	15.68	19
21	20.44	16	33.12	252	3.077	78	42.16	200	44.911	54	73.36	76	42.594	58	15.49	5
31	20.28	7	30.60	260	2.999	37	40.16	227	44.857	17	72.60	100	42.536	21	15.44	14
Apr. 10	20.21	4	28.00	259	2.962	8	37.89	252	44.840	25	71.60	123	42.515	22	15.58	35
20	20.25	15	25.41	248	2.970	58	35.37	270	44.865	70	70.37	146	42.537	67	15.93	56
30	20.40	26	22.93	227	3.028	106	32.67	284	44.935	114	68.91	165	42.604	113	16.49	78
Mai 10	20.66	35	20.66	198	3.134	155	29.83	292	45.049	158	67.26	184	42.717	157	17.27	99
20	21.01	44	18.68	162	3.289	199	26.91	293	45.207	198	65.42	197	42.874	199	18.26	120
30	21.45	52	17.06	122	3.488	241	23.98	287	45.405	234	63.45	206	43.073	236	19.46	138
Juni 9	21.97	58	15.84	78	3.729	275	21.11	274	45.639	263	61.39	211	43.309	266	20.84	153
19	22.55	62	15.06	31	4.004	303	18.37	255	45.902	287	59.28	210	43.575	290	22.37	164
29	23.17	65	14.75	16	4.307	322	15.82	229	46.189	303	57.18	203	43.865	307	24.01	170
Juli 9	23.82	67	14.91	63	4.629	334	13.53	196	46.492	310	55.15	192	44.172	315	25.71	173
19	24.49	67	15.54	107	4.963	336	11.57	158	46.802	311	53.23	174	44.487	316	27.44	169
29	25.16	65	16.61	149	5.299	330	9.99	116	47.113	304	51.49	152	44.803	311	29.13	161
Aug. 8	25.81	63	18.10	187	5.629	316	8.83	70	47.417	291	49.97	125	45.114	299	30.74	149
18	26.44	59	19.97	223	5.945	296	8.13	22	47.708	273	48.72	96	45.413	282	32.23	134
28	27.03	54	22.20	252	6.241	269	7.91	26	47.981	249	47.76	65	45.695	259	33.57	115
Sept. 7	27.57	49	24.72	276	6.510	238	8.17	72	48.230	222	47.11	32	45.954	235	34.72	93
17	28.06	42	27.48	296	6.748	202	8.89	114	48.452	193	46.79	0	46.189	207	35.65	72
27	28.48	35	30.44	309	6.950	164	10.03	153	48.645	163	46.79	30	46.396	179	36.37	49
Okt. 7	28.83	29	33.53	316	7.114	125	11.56	184	48.808	131	47.09	57	46.575	149	36.86	27
17	(24) 29.12	20	36.69	317	(25) 7.239	86	13.40	207	(26) 48.939	100	47.66	80	46.724	119	37.13	8
26*)	29.32	13	39.86	310	7.325	48	15.47	222	49.039	69	48.46	97	(28) 46.843	89	37.21	10
Nov. 5	29.45	5	42.96	298	7.373	10	17.69	228	49.108	40	49.43	110	46.932	60	37.11	25
15	29.50	4	45.94	277	7.383	26	19.97	223	49.148	10	50.53	117	46.992	30	36.86	37
25	29.46	11	48.71	250	7.357	59	22.20	211	49.158	19	51.70	119	47.022	1	36.49	47
Dez. 5	29.35	19	51.21	214	7.298	89	24.31	190	49.139	44	52.89	116	47.023	28	36.02	53
15	29.16	27	53.35	173	7.209	117	26.21	162	49.095	70	54.05	109	46.995	55	35.49	58
25	28.89	33	55.08	125	7.092	141	27.83	130	49.025	93	55.14	97	46.940	81	34.91	61
35	28.56		56.33		6.951		29.13		48.932		56.11		46.859		34.30	
Mittl. Ort	21.26		15.80		2.771		41.40		44.379		75.42		41.999		10.68	
sec δ, tg δ	2.480		+2.270		1.167		−0.602		1.007		−0.118		1.010		+0.144	
a, *a′*	+4.7		+16.9		+2.6		+16.9		+3.0		+16.7		+3.2		+16.2	
b, *b′*	+0.13		− 0.53		−0.03		− 0.54		−0.01		− 0.55		+0.01		− 0.59	

*) Bei Stern 85) lies Okt. 27

Tag	87) 36 H. Cassiopeiae AR.		Dekl.		90) μ Hydri AR.		Dekl.	
1935	2h 31m		+72° 32′		2h 32m		−79° 22′	
Jan. 0	51.61 s	48	32.48″	140	64.67 s	116	105.71″	91
10	51.13	55	33.88	84	63.51	123	106.62	30
20	50.58	59	34.72	27	62.28	125	106.92	30
30	49.99	62	34.99	31	61.03	124	106.62	89
Feb. 9	49.37	60	34.68	87	59.79	120	105.73	146
19	48.77	56	33.81	140	58.59	113	104.27	197
März 1	48.21	50	32.41	185	57.46	103	102.30	243
11	47.71	41	30.56	223	56.43	91	99.87	283
21	47.30	30	28.33	251	55.52	76	97.04	315
31	47.00	17	25.82	269	54.76	60	93.89	341
Apr. 10	46.83	3	23.13	276	54.16	42	90.48	359
20	46.80	11	20.37	272	53.74	23	86.89	369
30	46.91	25	17.65	257	53.51	4	83.20	371
Mai 10	47.16	38	15.08	235	53.47	15	79.49	365
20	47.54	51	12.73	205	53.62	35	75.84	350
30	48.05	61	10.68	167	53.97	53	72.34	327
Juni 9	48.66	71	9.01	126	54.50	70	69.07	297
19	49.37	78	7.75	80	55.20	84	66.10	259
29	50.15	83	6.95	32	56.04	97	63.51	214
Juli 9	50.98	86	6.63	15	57.01	107	61.37	162
19	51.84	88	6.78	62	58.08	113	59.75	108
29	52.72	87	7.40	108	59.21	116	58.67	48
Aug. 8	53.59	84	8.48	152	60.37	115	58.19	12
18	54.43	81	10.00	191	61.52	111	58.31	73
28	55.24	76	11.91	227	62.63	103	59.04	132
Sept. 7	56.00	69	14.18	258	63.66	92	60.36	186
17	56.69	62	16.76	284	64.58	76	62.22	235
27	57.31	53	19.60	305	65.34	59	64.57	275
Okt. 7	57.84	44	22.65	319	65.93	39	67.32	305
17	58.28	33	25.84	327	66.32	18	70.37	324
27	58.61	23	29.11	328	66.50	4	73.61	330
Nov. 5	[30] 58.84	12	32.39	322	[30] 66.46	27	76.91	324
15	58.96	0	35.61	307	66.19	48	80.15	305
25	58.96	11	38.68	284	65.71	67	83.20	275
Dez. 5	58.85	23	41.52	253	65.04	84	85.95	234
15	58.62	34	44.05	215	64.20	100	88.29	185
25	58.28	43	46.20	168	63.20	111	90.14	130
35	57.85		47.88		62.09		91.44	
Mittl. Ort	48.47		8.54		60.18		95.34	
sec δ, tg δ	3.332		+3.179		5.433		−5.340	
a, *a′*	+5.7		+15.8		−1.3		+15.7	
b, *b′*	+0.17		− 0.62		−0.28		− 0.62	

Tag	89) ν Arietis AR.		Dekl.		91) δ Ceti AR.		Dekl.	
1935	2h 35m		+21° 40′		2h 36m		+0° 2′	
Jan. 0	8.859 s	94	65.53″	21	10.498 s	90	62.50″	80
10	8.765	119	65.32	36	10.408	112	61.70	71
20	8.646	137	64.96	49	10.296	128	60.99	61
30	8.509	148	64.47	60	10.168	138	60.38	48
Feb. 9	8.361	151	63.87	69	10.030	141	59.90	34
19	8.210	145	63.18	76	9.889	136	59.56	19
März 1	8.065	130	62.42	79	9.753	122	59.37	1
11	7.935	104	61.63	77	9.631	100	59.36	17
21	7.831	70	60.86	71	9.531	70	59.53	36
31	7.761	30	60.15	61	9.461	34	59.89	58
Apr. 10	7.731	15	59.54	46	9.427	7	60.47	80
20	7.746	64	59.08	27	9.434	51	61.27	102
30	7.810	113	58.81	6	9.485	97	62.29	123
Mai 10	7.923	161	58.75	18	9.582	141	63.52	142
20	8.084	206	58.93	42	9.723	183	64.94	159
30	8.290	245	59.35	66	9.906	220	66.53	173
Juni 9	8.535	278	60.01	89	10.126	252	68.26	182
19	8.813	304	60.90	110	10.378	278	70.08	187
29	9.117	323	62.00	127	10.656	296	71.95	188
Juli 9	9.440	333	63.27	140	10.952	307	73.83	182
19	9.773	335	64.67	151	11.259	310	75.65	171
29	10.108	331	66.18	157	11.569	307	77.36	156
Aug. 8	10.439	320	67.75	158	11.876	297	78.92	137
18	10.759	303	69.33	155	12.173	281	80.29	113
28	11.062	283	70.88	149	12.454	262	81.42	87
Sept. 7	11.345	257	72.37	140	12.716	238	82.29	59
17	11.602	231	73.77	129	12.954	212	82.88	31
27	11.833	202	75.06	115	13.166	184	83.19	4
Okt. 7	12.035	172	76.21	101	13.350	155	83.23	22
17	12.207	141	77.22	86	13.505	126	83.01	44
27	12.348	110	78.08	71	13.631	96	82.57	62
Nov. 5	[31] 12.458	78	78.79	56	[31] 13.727	66	81.95	76
15	12.536	46	79.35	42	13.793	35	81.19	87
25	12.582	14	79.77	28	13.828	6	80.32	92
Dez. 5	12.596	19	80.05	14	13.834	23	79.40	93
15	12.577	50	80.19	1	13.811	51	78.47	91
25	12.527	81	80.18	15	13.760	78	77.56	87
35	12.446		80.03		13.682		76.69	
Mittl. Ort	7.217		52.90		8.909		56.48	
sec δ, tg δ	1.076		+0.398		1.000		+0.001	
a, *a′*	+3.4		+15.6		+3.1		+15.6	
b, *b′*	+0.02		− 0.63		0.00		− 0.63	

Tag	93) ϑ Persei AR.		93) ϑ Persei Dekl.		97) π Ceti AR.		97) π Ceti Dekl.		98) μ Ceti AR.		98) μ Ceti Dekl.		100) 41 Arietis AR.		100) 41 Arietis Dekl.	
1935	$2^h 39^m$		+48° 57′		$2^h 41^m$		−14° 7′		$2^h 41^m$		+9° 50′		$2^h 46^m$		+26° 59′	
Jan. 0	46.912	159	36.77	71	3.309	102	57.22	110	27.124	86	35.52	55	10.873	95	51.41	1
10	46.753	194	37.48	31	3.207	124	58.32	87	27.038	108	34.97	57	10.778	121	51.40	19
20	46.559	221	37.79	8	3.083	141	59.19	62	26.930	127	34.40	56	10.657	144	51.21	38
30	46.338	236	37.71	48	2.942	151	59.81	35	26.803	138	33.84	55	10.513	157	50.83	54
Feb. 9	46.102	238	37.23	86	2.791	153	60.16	7	26.665	143	33.29	51	10.356	162	50.29	70
19	45.864	228	36.37	120	2.638	149	60.23	21	26.522	138	32.78	45	10.194	158	49.59	83
März 1	45.636	203	35.17	148	2.489	136	60.02	50	26.384	125	32.33	37	10.036	143	48.76	91
11	45.433	165	33.69	170	2.353	114	59.52	78	26.259	102	31.96	27	9.893	118	47.85	94
21	45.268	118	31.99	184	2.239	84	58.74	106	26.157	73	31.69	13	9.775	83	46.91	94
31	45.150	59	30.15	191	2.155	49	57.68	132	26.084	35	31.56	4	9.692	43	45.97	88
Apr. 10	45.091	5	28.24	188	2.106	7	56.36	158	26.049	7	31.60	22	9.649	5	45.09	76
20	45.096	72	26.36	178	2.099	37	54.78	180	26.056	52	31.82	42	9.654	55	44.33	60
30	45.168	141	24.58	161	2.136	82	52.98	200	26.108	99	32.24	64	9.709	106	43.73	40
Mai 10	45.309	206	22.97	136	2.218	128	50.98	215	26.207	144	32.88	85	9.815	157	43.33	18
20	45.515	267	21.61	108	2.346	171	48.83	227	26.351	187	33.73	105	9.972	204	43.15	6
30	45.782	320	20.53	76	2.517	210	46.56	234	26.538	225	34.78	124	10.176	246	43.21	32
Juni 9	46.102	367	19.77	40	2.727	244	44.22	235	26.763	258	36.02	139	10.422	281	43.53	57
19	46.469	402	19.37	4	2.971	271	41.87	229	27.021	284	37.41	151	10.703	310	44.10	81
29	46.871	427	19.33	32	3.242	291	39.58	218	27.305	302	38.92	160	11.013	330	44.91	101
Juli 9	47.298	443	19.65	67	3.533	305	37.40	201	27.607	313	40.52	162	11.343	343	45.92	120
19	47.741	448	20.32	100	3.838	311	35.39	178	27.920	318	42.14	162	11.686	347	47.12	135
29	48.189	444	21.32	131	4.149	308	33.61	149	28.238	314	43.76	156	12.033	345	48.47	145
Aug. 8	48.633	432	22.63	157	4.457	300	32.12	117	28.552	305	45.32	145	12.378	335	49.92	153
18	49.065	412	24.20	180	4.757	286	30.95	80	28.857	290	46.77	132	12.713	320	51.45	155
28	49.477	386	26.00	200	5.043	266	30.15	43	29.147	271	48.09	115	13.033	300	53.00	154
Sept. 7	49.863	355	28.00	214	5.309	243	29.72	5	29.418	248	49.24	95	13.333	276	54.54	151
17	50.218	320	30.14	225	5.552	215	29.67	34	29.666	222	50.19	74	13.609	250	56.05	144
27	50.538	281	32.39	231	5.767	186	30.01	68	29.888	195	50.93	53	13.859	221	57.49	135
Okt. 7	50.819	240	34.70	234	5.953	156	30.69	99	30.083	167	51.46	32	14.080	191	58.84	124
17	51.059	197	37.04	232	6.109	123	31.68	126	30.250	138	51.78	14	14.271	160	60.08	113
27	51.256	151	39.36	226	6.232	92	32.94	145	30.388	108	51.92	4	14.431	127	61.21	100
Nov. 5	[1] 51.407	104	41.62	215	[1] 6.324	60	34.39	158	[2] 30.496	78	51.88	19	[3] 14.558	94	62.21	87
15	51.511	56	43.77	199	6.384	28	35.97	164	30.574	47	51.69	30	14.652	60	63.08	72
25	51.567	6	45.76	180	6.412	3	37.61	163	30.621	17	51.39	40	14.712	25	63.80	58
Dez. 5	51.573	43	47.56	154	6.409	33	39.24	156	30.638	13	50.99	47	14.737	10	64.38	42
15	51.530	92	49.10	125	6.376	63	40.80	143	30.625	44	50.52	53	14.727	45	64.80	26
25	51.438	137	50.35	91	6.313	90	42.23	126	30.581	72	49.99	56	14.682	79	65.06	8
35	51.301		51.26		6.223		43.49		30.509		49.43		14.603		65.14	
Mittl. Ort	44.907		17.14		1.680		59.00		25.492		26.54		9.123		37.49	
sec δ, tg δ	1.523		+1.149		1.031		−0.252		1.015		+0.173		1.122		+0.509	
a, *a′*	+4.1		+15.4		+2.9		+15.3		+3.2		+15.3		+3.5		+15.0	
b, *b′*	+0.06		− 0.64		−0.01		− 0.65		+0.01		− 0.65		+0.03		− 0.66	

Tag	101) β Fornacis AR.	Δ	Dekl.	Δ	102) τ² Eridani AR.	Δ	Dekl.	Δ	103) τ Persei AR.	Δ	Dekl.	Δ	104) η Eridani AR.	Δ	Dekl.	Δ
1935	2h 46m		−32° 40′		2h 48m		−21° 15′		2h 49m		+52° 29′		2h 53m		−9° 8′	
Jan. 0	23.923 s	144	44.29 ″	138	7.057 s	112	76.75 ″	127	40.345 s	171	72.31 ″	91	16.710 s	91	78.00 ″	107
10	23.779	168	45.67	99	6.945	136	78.02	96	40.174	211	73.22	50	16.619	115	79.07	88
20	23.611	185	46.66	57	6.809	153	78.98	65	39.963	242	73.72	9	16.504	133	79.95	68
30	23.426	195	47.23	13	6.656	164	79.63	31	39.721	261	73.81	35	16.371	147	80.63	45
Feb. 9	23.231	197	47.36	29	6.492	169	79.94	4	39.460	267	73.46	75	16.224	151	81.08	22
19	23.034	192	47.07	72	6.323	163	79.90	38	39.193	256	72.71	113	16.073	149	81.30	2
März 1	22.842	176	46.35	112	6.160	151	79.52	72	38.937	233	71.58	146	15.924	138	81.28	27
11	22.666	152	45.23	151	6.009	129	78.80	105	38.704	194	70.12	172	15.786	118	81.01	52
21	22.514	120	43.72	186	5.880	100	77.75	135	38.510	143	68.40	190	15.668	89	80.49	78
31	22.394	82	41.86	218	5.780	64	76.40	166	38.367	82	66.50	200	15.579	56	79.71	102
Apr. 10	22.312	36	39.68	244	5.716	22	74.74	191	38.285	14	64.50	202	15.523	15	78.69	126
20	22.276	12	37.24	268	5.694	23	72.83	214	38.271	58	62.48	195	15.508	28	77.43	150
30	22.288	63	34.56	284	5.717	70	70.69	234	38.329	131	60.53	181	15.536	75	75.93	169
Mai 10	22.351	113	31.72	296	5.787	117	68.35	248	38.460	203	58.72	159	15.611	119	74.24	188
20	22.464	162	28.76	301	5.904	162	65.87	258	38.663	268	57.13	131	15.730	162	72.36	201
30	22.626	206	25.75	298	6.066	202	63.29	260	38.931	328	55.82	100	15.892	202	70.35	210
Juni 9	22.832	246	22.77	288	6.268	239	60.69	259	39.259	378	54.82	65	16.094	236	68.25	215
19	23.078	280	19.89	271	6.507	269	58.10	247	39.637	419	54.17	28	16.330	264	66.10	214
29	23.358	305	17.18	247	6.776	291	55.63	232	40.056	448	53.89	9	16.594	285	63.96	207
Juli 9	23.663	323	14.71	217	7.067	307	53.31	209	40.504	468	53.98	46	16.879	300	61.89	195
19	23.986	333	12.54	178	7.374	314	51.22	181	40.972	476	54.44	80	17.179	307	59.94	176
29	24.319	335	10.76	136	7.688	314	49.41	146	41.448	474	55.24	114	17.486	306	58.18	152
Aug. 8	24.654	327	9.40	90	8.002	308	47.95	108	41.922	464	56.38	144	17.792	300	56.66	125
18	24.981	314	8.50	40	8.310	294	46.87	67	42.386	446	57.82	170	18.092	287	55.41	93
28	25.295	293	8.10	11	8.604	275	46.20	23	42.832	420	59.52	193	18.379	270	54.48	59
Sept. 7	25.588	268	8.21	60	8.879	252	45.97	20	43.252	389	61.45	211	18.649	248	53.89	24
17	25.856	236	8.81	108	9.131	224	46.17	63	43.641	354	63.56	226	18.897	224	53.65	12
27	26.092	202	9.89	150	9.355	195	46.80	101	43.995	313	65.82	236	19.121	196	53.77	44
Okt. 7	26.294	165	11.39	187	9.550	162	47.81	136	44.308	271	68.18	242	19.317	168	54.21	75
17	26.459	127	13.26	217	9.712	129	49.17	163	44.579	224	70.60	243	19.485	138	54.96	100
27	26.586	87	15.43	236	9.841	96	50.80	184	44.803	176	73.03	240	19.623	107	55.96	121
Nov. 5	[3] 26.673	48	17.79	246	[3] 9.937	60	52.64	197	[4] 44.979	124	75.43	232	[5] 19.730	76	57.17	135
15	26.721	9	20.25	248	9.997	27	54.61	201	45.103	70	77.75	218	19.806	45	58.52	143
25	26.730	29	22.73	238	10.024	6	56.62	197	45.173	15	79.93	200	19.851	13	59.95	145
Dez. 5	26.701	66	25.11	221	10.018	40	58.59	187	45.188	40	81.93	176	19.864	18	61.40	141
15	26.635	99	27.32	195	9.978	70	60.46	169	45.148	94	83.69	146	19.846	48	62.81	132
25	26.536	131	29.27	162	9.908	99	62.15	145	45.054	145	85.15	112	19.798	77	64.13	119
35	26.405		30.89		9.809		63.60		44.909		86.27		19.721		65.32	
Mittl. Ort	22.168		41.22		5.370		76.63		38.142		52.33		15.034		81.30	
sec δ, tg δ	1.188		−0.641		1.073		−0.389		1.643		+1.303		1.013		−0.161	
a, *a′*	+2.5		+15.0		+2.7		+14.9		+4.2		+14.8		+2.9		+14.6	
b, *b′*	−0.03		−0.66		−0.02		−0.67		+0.06		−0.67		−0.01		−0.69	

Tag	106) ϑ Eridani AR.	Diff.	106) ϑ Eridani Dekl.	Diff.	105) 47 H. Cephei AR.	Diff.	105) 47 H. Cephei Dekl.	Diff.	107) α Ceti AR.	Diff.	107) α Ceti Dekl.	Diff.	108) γ Persei AR.	Diff.	108) γ Persei Dekl.	Diff.
1935	2h 55m		−40° 33′		2h 57m		+79° 9′		2h 58m		+3° 50′		3h 0m		+53° 15′	
Jan. 0	49.539	173	56.04	153	27.16	75	76.04	186	54.436	79	15.80	74	6.839	165	31.75	102
10	49.366	200	57.57	109	26.41	89	77.90	132	54.357	104	15.06	68	6.674	209	32.77	63
20	49.166	219	58.66	61	25.52	97	79.22	74	54.253	125	14.38	61	6.465	244	33.40	20
30	48.947	231	59.27	12	24.55	102	79.96	13	54.128	139	13.77	52	6.221	266	33.60	22
Feb. 9	48.716	235	59.39	36	23.53	103	80.09	47	53.989	147	13.25	42	5.955	274	33.38	64
19	48.481	229	59.03	84	22.50	99	79.62	106	53.842	145	12.83	30	5.681	268	32.74	103
März 1	48.252	213	58.19	128	21.51	90	78.56	159	53.697	135	12.53	17	5.413	246	31.71	138
11	48.039	188	56.91	170	20.61	77	76.97	205	53.562	115	12.36	2	5.167	210	30.33	165
21	47.851	154	55.21	209	19.84	62	74.92	242	53.447	87	12.34	16	4.957	159	28.68	186
31	47.697	113	53.12	242	19.22	41	72.50	269	53.360	53	12.50	34	4.798	99	26.82	199
Apr. 10	47.584	65	50.70	270	18.81	21	69.81	284	53.307	13	12.84	54	4.699	30	24.83	203
20	47.519	13	48.00	294	18.60	1	66.97	291	53.294	32	13.38	74	4.669	42	22.80	198
30	47.506	42	45.06	311	18.61	23	64.06	284	53.326	77	14.12	95	4.711	117	20.82	186
Mai 10	47.548	96	41.95	321	18.84	46	61.22	269	53.403	123	15.07	115	4.828	189	18.96	167
20	47.644	150	38.74	323	19.30	64	58.53	245	53.526	166	16.22	132	5.017	259	17.29	142
30	47.794	201	35.51	318	19.94	83	56.08	213	53.692	205	17.54	148	5.276	319	15.87	111
Juni 9	47.995	245	32.33	306	20.77	99	53.95	176	53.897	239	19.02	160	5.595	373	14.76	78
19	48.240	283	29.27	286	21.76	112	52.19	133	54.136	268	20.62	167	5.968	416	13.98	42
29	48.523	314	26.41	258	22.88	123	50.86	86	54.404	288	22.29	171	6.384	448	13.56	6
Juli 9	48.837	338	23.83	223	24.11	130	50.00	39	54.692	302	24.00	170	6.832	471	13.50	31
19	49.175	351	21.60	181	25.41	134	49.61	10	54.994	309	25.70	162	7.303	482	13.81	66
29	49.526	355	19.79	134	26.75	136	49.71	58	55.303	309	27.32	152	7.785	483	14.47	99
Aug. 8	49.881	353	18.45	83	28.11	135	50.29	105	55.612	303	28.84	136	8.268	476	15.46	130
18	50.234	339	17.62	29	29.46	131	51.34	150	55.915	290	30.20	116	8.744	459	16.76	157
28	50.573	320	17.33	26	30.77	125	52.84	191	56.205	275	31.36	94	9.203	435	18.33	181
Sept. 7	50.893	293	17.59	80	32.02	117	54.75	229	56.480	254	32.30	69	9.638	407	20.14	201
17	51.186	260	18.39	131	33.19	106	57.04	262	56.734	230	32.99	43	10.045	372	22.15	218
27	51.446	223	19.70	178	34.25	94	59.66	290	56.964	205	33.42	19	10.417	333	24.33	229
Okt. 7	51.669	182	21.48	217	35.19	79	62.56	313	57.169	178	33.61	6	10.750	291	26.62	237
17	51.851	139	23.65	247	35.98	64	65.69	328	57.347	150	33.55	27	11.041	245	28.99	240
27	51.990	95	26.12	269	36.62	47	68.97	338	57.497	121	33.28	45	11.286	196	31.39	239
Nov. 5*)	52.085	48	28.81	278	37.09	28	72.35	339	57.618	91	32.83	60	11.482	143	33.78	233
15	52.133	4	31.59	279	37.37	9	75.74	332	57.709	60	32.23	70	11.625	89	36.11	222
25	52.137	40	34.38	268	37.46	10	79.06	316	57.769	29	31.53	78	11.714	31	38.33	206
Dez. 5	52.097	82	37.06	246	37.36	31	82.22	291	57.798	3	30.75	81	11.745	26	40.39	183
15	52.015	121	39.52	218	37.05	49	85.13	257	57.795	34	29.94	81	11.719	83	42.22	155
25	51.894	156	41.70	181	36.56	66	87.70	214	57.761	64	29.13	78	11.636	138	43.77	123
35	51.738		43.51		35.90		89.84		57.697		28.35		11.498		45.00	
Mittl. Ort	47.654		51.47		21.71		52.70		52.727		8.75		4.498		12.09	
sec δ, tg δ	1.316		−0.856		5.319		+5.225		1.002		+0.067		1.671		+1.339	
a, a′	+2.3		+14.4		+8.0		+14.3		+3.1		+14.2		+4.3		+14.2	
b, b′	−0.04		−0.69		+0.25		−0.70		0.00		−0.70		+0.06		−0.71	

*) Bei Stern 105), 107) und 108) lies Nov. 6

Tag	109) ρ Persei AR.		Dekl.	
1935	3h 1m		+38° 35′	
Jan. 0	2.194	106	39.56	47
10	2.088	140	40.03	20
20	1.948	169	40.23	9
30	1.779	187	40.14	38
Feb. 9	1.592	195	39.76	65
19	1.397	192	39.11	90
März 1	1.205	178	38.21	111
11	1.027	151	37.10	127
21	0.876	113	35.83	136
31	0.763	68	34.47	139
Apr. 10	0.695	14	33.08	136
20	0.681	41	31.72	126
30	0.722	101	30.46	111
Mai 10	0.823	157	29.35	90
20	0.980	212	28.45	65
30	1.192	259	27.80	38
Juni 9	1.451	302	27.42	10
19	1.753	336	27.32	19
29	2.089	361	27.51	47
Juli 9	2.450	378	27.98	74
19	2.828	386	28.72	98
29	3.214	386	29.70	120
Aug. 8	3.600	379	30.90	138
18	3.979	366	32.28	152
28	4.345	346	33.80	163
Sept. 7	4.691	322	35.43	171
17	5.013	296	37.14	174
27	5.309	265	38.88	176
Okt. 7	5.574	232	40.64	173
17	5.806	199	42.37	169
27	6.005	161	44.06	163
Nov. 6	6.166	124	45.69	152
15	6.290	83	47.21	141
25	6.373	40	48.62	125
Dez. 5	6.413	2	49.87	107
15	6.411	44	50.94	86
25	6.367	85	51.80	61
35	6.282		52.41	
Mittl. Ort	0.200		23.10	
sec δ, tg δ	1.279		+0.798	
a, a′	+3.8		+14.1	
b, b′	+0.04		− 0.71	

Tag	110) μ Horologii AR.		Dekl.	
1935	3h 2m		−59° 58′	
Jan. 0	7.040	332	89.64	159
10	6.708	371	91.23	105
20	6.337	397	92.28	49
30	5.940	407	92.77	10
Feb. 9	5.533	413	92.67	66
19	5.120	397	92.01	120
März 1	4.723	373	90.81	170
11	4.350	337	89.11	217
21	4.013	287	86.94	257
31	3.726	228	84.37	292
Apr. 10	3.498	162	81.45	320
20	3.336	88	78.25	342
30	3.248	12	74.83	354
Mai 10	3.236	68	71.29	361
20	3.304	141	67.68	358
30	3.445	221	64.10	347
Juni 9	3.666	288	60.63	327
19	3.954	347	57.36	299
29	4.301	399	54.37	263
Juli 9	4.700	439	51.74	220
19	5.139	466	49.54	170
29	5.605	482	47.84	116
Aug. 8	6.087	485	46.68	56
18	6.572	471	46.12	4
28	7.043	445	46.16	65
Sept. 7	7.488	410	46.81	125
17	7.898	362	48.06	180
27	8.260	305	49.86	229
Okt. 7	8.565	242	52.15	270
17	8.807	172	54.85	301
27	8.979	98	57.86	320
Nov. 6	9.077	21	61.06	327
15	9.098	53	64.33	322
25	9.045	125	67.55	305
Dez. 5	8.920	193	70.60	277
15	8.727	252	73.37	239
25	8.475	307	75.76	193
35	8.168		77.69	
Mittl. Ort	4.633		82.07	
sec δ, tg δ	1.999		−1.731	
a, a′	+1.4		+14.0	
b, b′	−0.08		− 0.71	

Tag	111) β Persei AR.		Dekl.	
1935	3h 3m		+40° 42′	
Jan. 0	57.929	110	40.57	57
10	57.819	146	41.14	28
20	57.673	175	41.42	2
30	57.498	195	41.40	33
Feb. 9	57.303	204	41.07	62
19	57.099	201	40.45	90
März 1	56.898	187	39.55	113
11	56.711	159	38.42	131
21	56.552	121	37.11	142
31	56.431	74	35.69	148
Apr. 10	56.357	20	34.21	145
20	56.337	38	32.76	137
30	56.375	98	31.39	122
Mai 10	56.473	158	30.17	103
20	56.631	212	29.14	78
30	56.843	263	28.36	51
Juni 9	57.106	307	27.85	22
19	57.413	341	27.63	7
29	57.754	369	27.70	37
Juli 9	58.123	386	28.07	65
19	58.509	396	28.72	91
29	58.905	396	29.63	113
Aug. 8	59.301	389	30.76	134
18	59.690	376	32.10	151
28	60.066	357	33.61	163
Sept. 7	60.423	334	35.24	173
17	60.757	305	36.97	179
27	61.062	276	38.76	181
Okt. 7	61.338	242	40.57	182
17	61.580	207	42.39	179
27	61.787	169	44.18	173
Nov. 6	61.956	130	45.91	164
15	62.086	87	47.55	153
25	62.173	44	49.08	138
Dez. 5	62.217	0	50.46	119
15	62.217	45	51.65	98
25	62.172	89	52.63	72
35	62.083		53.35	
Mittl. Ort	55.874		23.72	
sec δ, tg δ	1.319		+0.860	
a, a′	+3.9		+13.9	
b, b′	+0.04		− 0.72	

Tag	114) δ Arietis AR.		Dekl.	
1935	3h 7m		+19° 28′	
Jan. 0	56.289	75	66.97	21
10	56.214	104	66.76	30
20	56.110	129	66.46	39
30	55.981	146	66.07	48
Feb. 9	55.835	156	65.59	54
19	55.679	155	65.05	60
März 1	55.524	145	64.45	61
11	55.379	126	63.84	59
21	55.253	96	63.25	56
31	55.157	59	62.69	46
Apr. 10	55.098	17	62.23	35
20	55.081	30	61.88	18
30	55.111	79	61.70	1
Mai 10	55.190	128	61.69	20
20	55.318	173	61.89	41
30	55.491	216	62.30	61
Juni 9	55.707	251	62.91	81
19	55.958	282	63.72	99
29	56.240	304	64.71	114
Juli 9	56.544	320	65.85	126
19	56.864	328	67.11	133
29	57.192	328	68.44	137
Aug. 8	57.520	323	69.81	136
18	57.843	312	71.17	133
28	58.155	296	72.50	126
Sept. 7	58.451	276	73.76	115
17	58.727	254	74.91	103
27	58.981	228	75.94	89
Okt. 7	59.209	202	76.83	75
17	59.411	174	77.58	61
27	59.585	143	78.19	48
Nov. 6	59.728	112	78.67	35
15	59.840	80	79.02	23
25	59.920	46	79.25	12
Dez. 5	59.966	11	79.37	2
15	59.977	23	79.39	8
25	59.954	59	79.31	17
35	59.895		79.14	
Mittl. Ort	54.463		55.65	
sec δ, tg δ	1.061		+0.354	
a, a′	+3.4		+13.7	
b, b′	+0.02		− 0.73	

Tag	117) 12 Eridani AR.	Δ	117) 12 Eridani Dekl.	Δ	115) 48 H. Cephei AR.	Δ	115) 48 H. Cephei Dekl.	Δ	120) α Persei AR.	Δ	120) α Persei Dekl.	Δ	121) ο Tauri AR.	Δ	121) ο Tauri Dekl.	Δ
1935	$3^h 9^m$		$-29° 14'$		$3^h 11^m$		$+77° 29'$		$3^h 19^m$		$+49° 37'$		$3^h 21^m$		$+8° 48'$	
Jan. 0	20.318	122	34.52	152	65.20	60	78.20	196	42.676	126	70.97	103	20.581	66	12.78	60
10	20.196	150	36.04	118	64.60	72	80.16	144	42.550	173	72.00	68	20.515	95	12.18	57
20	20.046	172	37.22	78	63.88	81	81.60	89	42.377	210	72.68	31	20.420	121	11.61	55
30	19.874	187	38.00	37	63.07	87	82.49	29	42.167	237	72.99	7	20.299	139	11.06	51
Feb. 9	19.687	193	38.37	4	62.20	89	82.78	30	41.930	251	72.92	45	20.160	151	10.55	45
19	19.494	193	38.33	45	61.31	86	82.48	88	41.679	251	72.47	82	20.009	153	10.10	40
März 1	19.301	181	37.88	85	60.45	80	81.60	142	41.428	236	71.65	115	19.856	146	9.70	30
11	19.120	162	37.03	123	59.65	71	80.18	189	41.192	207	70.50	141	19.710	129	9.40	21
21	18.958	133	35.80	158	58.94	57	78.29	228	40.985	165	69.09	163	19.581	103	9.19	8
31	18.825	98	34.22	192	58.37	41	76.01	257	40.820	113	67.46	177	19.478	71	9.11	7
Apr. 10	18.727	55	32.30	220	57.96	23	73.44	276	40.707	50	65.69	182	19.407	31	9.18	23
20	18.672	8	30.10	245	57.73	4	70.68	285	40.657	15	63.87	180	19.376	13	9.41	42
30	18.664	40	27.65	266	57.69	16	67.83	282	40.672	85	62.07	172	19.389	59	9.83	60
Mai 10	18.704	89	24.99	280	57.85	34	65.01	270	40.757	153	60.35	155	19.448	105	10.43	79
20	18.793	138	22.19	288	58.19	52	62.31	249	40.910	218	58.80	134	19.553	150	11.22	98
30	18.931	183	19.31	289	58.71	69	59.82	220	41.128	278	57.46	108	19.703	191	12.20	114
Juni 9	19.114	224	16.42	285	59.40	83	57.62	186	41.406	331	56.38	78	19.894	227	13.34	128
19	19.338	258	13.57	273	60.23	95	55.76	145	41.737	374	55.60	47	20.121	258	14.62	139
29	19.596	286	10.84	252	61.18	106	54.31	102	42.111	408	55.13	13	20.379	282	16.01	147
Juli 9	19.882	307	8.32	226	62.24	113	53.29	55	42.519	432	55.00	19	20.661	298	17.48	148
19	20.189	320	6.06	192	63.37	117	52.74	9	42.951	448	55.19	51	20.959	309	18.96	148
29	20.509	325	4.14	153	64.54	120	52.65	39	43.399	452	55.70	80	21.268	311	20.44	141
Aug. 8	20.834	322	2.61	110	65.74	120	53.04	85	43.851	450	56.50	109	21.579	309	21.85	130
18	21.156	313	1.51	62	66.94	117	53.89	129	44.301	438	57.59	133	21.888	300	23.15	117
28	21.469	297	0.89	13	68.11	113	55.18	170	44.739	420	58.92	155	22.188	286	24.32	98
Sept. 7	21.766	275	0.76	36	69.24	106	56.88	208	45.159	398	60.47	173	22.474	270	25.30	78
17	22.041	249	1.12	85	70.30	98	58.96	242	45.557	368	62.20	188	22.744	249	26.08	57
27	22.290	220	1.97	128	71.28	88	61.38	272	45.925	336	64.08	199	22.993	226	26.65	35
Okt. 7	22.510	187	3.25	168	72.16	77	64.10	296	46.261	299	66.07	207	23.219	202	27.00	15
17	22.697	151	4.93	199	72.93	63	67.06	314	46.560	259	68.14	212	23.421	175	27.15	5
27	22.848	115	6.92	222	73.56	49	70.20	325	46.819	216	70.26	211	23.596	147	27.10	22
Nov. 6	22.963	78	9.14	238	74.05	32	73.45	329	47.035	168	72.37	209	23.743	117	26.88	36
15	[9] 23.041	39	11.52	242	[9] 74.37	16	76.74	326	[11] 47.203	118	74.46	200	[12] 23.860	85	26.52	46
25	23.080	1	13.94	238	74.53	1	80.00	313	47.321	65	76.46	188	23.945	53	26.06	54
Dez. 5	23.081	36	16.32	225	74.52	18	83.13	292	47.386	9	78.34	170	23.998	20	25.52	60
15	23.045	72	18.57	203	74.34	36	86.05	261	47.395	45	80.04	147	24.018	15	24.92	61
25	22.973	106	20.60	175	73.98	51	88.66	221	47.350	99	81.51	120	24.003	49	24.31	62
35	22.867		22.35		73.47		90.87		47.251		82.71		23.954		23.69	
Mittl. Ort	18.492		32.77		59.89		55.84		40.261		52.97		18.747		4.62	
sec δ, tg δ	1.146		−0.560		4.620		+4.510		1.544		+1.176		1.012		+0.155	
a, *a'*	+2.5		+13.6		+7.6		+13.4		+4.3		+12.9		+3.2		+12.8	
b, *b'*	−0.03		−0.74		+0.20		−0.74		+0.05		−0.77		+0.01		−0.77	

Tag	122) 2 H. Camelop. AR.		Dekl.		125) *f* Tauri AR.		Dekl.	
1935	3h 23m		+59° 42′		3h 27m		+12° 42′	
Jan. 0	50.206	183	76.16	145	18.744	62	63.34	45
10	50.023	242	77.61	105	18.682	93	62.89	46
20	49.781	290	78.66	60	18.589	119	62.43	47
30	49.491	323	79.26	14	18.470	140	61.96	47
Feb. 9	49.168	341	79.40	34	18.330	153	61.49	46
19	48.827	340	79.06	79	18.177	156	61.03	44
März 1	48.487	321	78.27	121	18.021	149	60.59	39
11	48.166	284	77.06	157	17.872	134	60.20	33
21	47.882	231	75.49	186	17.738	108	59.87	24
31	47.651	163	73.63	208	17.630	75	59.63	13
Apr. 10	47.488	86	71.55	220	17.555	35	59.50	2
20	47.402	3	69.35	223	17.520	9	59.52	18
30	47.399	85	67.12	219	17.529	56	59.70	37
Mai 10	47.484	171	64.93	205	17.585	103	60.07	54
20	47.655	253	62.88	185	17.688	148	60.61	73
30	47.908	329	61.03	159	17.836	190	61.34	91
Juni 9	48.237	395	59.44	128	18.026	227	62.25	106
19	48.632	452	58.16	94	18.253	259	63.31	119
29	49.084	497	57.22	56	18.512	283	64.50	129
Juli 9	49.581	530	56.66	19	18.795	301	65.79	135
19	50.111	551	56.47	19	19.096	312	67.14	137
29	50.662	560	56.66	56	19.408	316	68.51	134
Aug. 8	51.222	559	57.22	91	19.724	313	69.85	127
18	51.781	549	58.13	124	20.037	306	71.12	117
28	52.330	529	59.37	155	20.343	293	72.29	103
Sept. 7	52.859	500	60.92	181	20.636	277	73.32	87
17	53.359	466	62.73	204	20.913	257	74.19	69
27	53.825	425	64.77	224	21.170	235	74.88	51
Okt. 7	54.250	379	67.01	239	21.405	211	75.39	32
17	54.629	327	69.40	250	21.616	184	75.71	15
27	54.956	270	71.90	256	21.800	156	75.86	0
Nov. 6	55.226	207	74.46	257	21.956	127	75.86	13
15*)	[12] 55.433	140	77.03	251	[13] 22.083	95	75.73	24
25	55.573	70	79.54	240	22.178	61	75.49	32
Dez. 5	55.643	3	81.94	222	22.239	27	75.17	38
15	55.640	76	84.16	196	22.266	9	74.79	43
25	55.564	145	86.12	166	22.257	43	74.36	45
35	55.419		87.78		22.214		73.91	
Mittl. Ort	47.287		56.65		16.860		54.27	
sec δ, tg δ	1.983		+1.712		1.025		+0.226	
a, *a′*	+4.8		+12.6		+3.3		+12.4	
b, *b′*	+0.07		− 0.78		+0.01		− 0.79	

Tag	127) ε Eridani[1]) AR.		Dekl.		131) δ Persei AR.		Dekl.	
1935	3h 29m		−9° 40′		3h 38m		+47° 34′	
Jan. 0	53.842	78	35.22	123	19.763	100	69.49	106
10	53.764	107	36.45	102	19.663	148	70.55	75
20	53.657	131	37.47	81	19.515	189	71.30	43
30	53.526	150	38.28	57	19.326	220	71.73	7
Feb. 9	53.376	161	38.85	32	19.106	238	71.80	29
19	53.215	165	39.17	7	18.868	244	71.51	63
März 1	53.050	157	39.24	20	18.624	235	70.88	95
11	52.893	142	39.04	45	18.389	211	69.93	122
21	52.751	118	38.59	71	18.178	175	68.71	145
31	52.633	87	37.88	96	18.003	128	67.26	159
Apr. 10	52.546	47	36.92	121	17.875	70	65.67	169
20	52.499	6	35.71	143	17.805	8	63.98	167
30	52.493	39	34.28	165	17.797	58	62.31	162
Mai 10	52.532	86	32.63	182	17.855	125	60.69	150
20	52.618	129	30.81	197	17.980	188	59.19	131
30	52.747	171	28.84	207	18.168	248	57.88	109
Juni 9	52.918	209	26.77	212	18.416	300	56.79	83
19	53.127	240	24.65	212	18.716	346	55.96	54
29	53.367	265	22.53	206	19.062	381	55.42	25
Juli 9	53.632	285	20.47	195	19.443	409	55.17	5
19	53.917	296	18.52	176	19.852	426	55.22	34
29	54.213	301	16.76	154	20.278	436	55.56	62
Aug. 8	54.514	300	15.22	125	20.714	436	56.18	88
18	54.814	293	13.97	94	21.150	430	57.06	111
28	55.107	281	13.03	59	21.580	416	58.17	131
Sept. 7	55.388	264	12.44	22	21.996	397	59.48	149
17	55.652	243	12.22	14	22.393	373	60.97	163
27	55.895	220	12.36	49	22.766	344	62.60	175
Okt. 7	56.115	195	12.85	81	23.110	313	64.35	183
17	56.310	167	13.66	110	23.423	275	66.18	188
27	56.477	138	14.76	131	23.698	236	68.06	191
Nov. 6	56.615	106	16.07	149	23.934	192	69.97	190
15*)	[14] 56.721	75	17.56	158	[16] 24.126	144	71.87	185
25	56.796	41	19.14	160	24.270	93	73.72	176
Dez. 5	56.837	7	20.74	158	24.363	38	75.48	162
15	56.844	28	22.32	149	24.401	16	77.10	143
25	56.816	60	23.81	135	24.385	71	78.53	121
35	56.756		25.16		24.314		79.74	
Mittl. Ort	52.022		38.34		17.251		52.88	
sec δ, tg δ	1.014		−0.170		1.482		+1.094	
a, *a′*	+2.9		+12.2		+4.3		+11.6	
b, *b′*	−0.01		− 0.79		+0.04		− 0.81	

*) Bei Stern 131) lies Nov. 16

[1]) Die jährliche Parallaxe (0.″32) ist bereits berücksichtigt.

Scheinbare Sternörter 1935

Tag	134) ν Persei AR.		134) ν Persei Dekl.		141) β Reticuli AR.		141) β Reticuli Dekl.		138) 5 H. Camelop. AR.		138) 5 H. Camelop. Dekl.		139) η Tauri AR.		139) η Tauri Dekl.	
1935	$3^h\ 40^m$		+42° 22′		$3^h\ 43^m$		−65° 0′		$3^h\ 43^m$		+71° 8′		$3^h\ 43^m$		+23° 54′	
Jan. 0	48.603	82	44.64	85	25.58	38	47.30	209	32.21	30	23.83	203	39.053	54	31.19	3
10	48.521	127	45.49	59	25.20	43	49.39	158	31.91	39	25.86	160	38.999	90	31.22	7
20	48.394	165	46.08	30	24.77	48	50.97	103	31.52	48	27.46	110	38.909	123	31.15	18
30	48.229	195	46.38	0	24.29	51	52.00	45	31.04	53	28.56	58	38.786	147	30.97	29
Feb. 9	48.034	213	46.38	31	23.78	52	52.45	13	30.51	57	29.14	4	38.639	164	30.68	40
19	47.821	219	46.07	60	23.26	52	52.32	70	29.94	57	29.18	52	38.475	170	30.28	50
März 1	47.602	212	45.47	86	22.74	51	51.62	123	29.37	55	28.66	103	38.305	166	29.78	57
11	47.390	191	44.61	111	22.23	47	50.39	174	28.82	51	27.63	150	38.139	152	29.21	62
21	47.199	159	43.50	126	21.76	42	48.65	219	28.31	42	26.13	191	37.987	126	28.59	65
31	47.040	116	42.24	139	21.34	37	46.46	260	27.89	33	24.22	223	37.861	92	27.94	62
Apr. 10	46.924	64	40.85	144	20.97	30	43.86	294	27.56	22	21.99	246	37.769	50	27.32	56
20	46.860	7	39.41	143	20.67	21	40.92	321	27.34	9	19.53	259	37.719	4	26.76	46
30	46.853	54	37.98	135	20.46	13	37.71	342	27.25	4	16.94	263	37.715	45	26.30	33
Mai 10	46.907	115	36.63	122	20.33	4	34.29	354	27.29	17	14.31	257	37.760	96	25.97	16
20	47.022	174	35.41	105	20.29	6	30.75	359	27.46	29	11.74	242	37.856	144	25.81	1
30	47.196	229	34.36	82	20.35	14	27.16	355	27.75	42	9.32	221	38.000	190	25.82	20
Juni 9	47.425	278	33.54	58	20.49	24	23.61	342	28.17	52	7.11	192	38.190	230	26.02	39
19	47.703	319	32.96	32	20.73	31	20.19	321	28.69	62	5.19	159	38.420	265	26.41	57
29	48.022	353	32.64	5	21.04	38	16.98	290	29.31	69	3.60	121	38.685	293	26.98	73
Juli 9	48.375	377	32.59	21	21.42	45	14.08	252	30.00	76	2.39	80	38.978	313	27.71	88
19	48.752	395	32.80	47	21.87	49	11.56	205	30.76	80	1.59	39	39.291	327	28.59	98
29	49.147	402	33.27	70	22.36	53	9.51	154	31.56	82	1.20	4	39.618	334	29.57	105
Aug. 8	49.549	403	33.97	92	22.89	54	7.97	96	32.38	84	1.24	46	39.952	334	30.62	110
18	49.952	397	34.89	111	23.43	56	7.01	34	33.22	83	1.70	86	40.286	329	31.72	111
28	50.349	385	36.00	126	23.99	54	6.67	28	34.05	82	2.56	126	40.615	318	32.83	108
Sept. 7	50.734	368	37.26	138	24.53	51	6.95	91	34.87	78	3.82	161	40.933	304	33.91	103
17	51.102	345	38.64	148	25.04	48	7.86	151	35.65	74	5.43	195	41.237	286	34.94	96
27	51.447	321	40.12	156	25.52	41	9.37	206	36.39	68	7.38	225	41.523	264	35.90	87
Okt. 7	51.768	290	41.68	161	25.93	35	11.43	255	37.07	61	9.63	249	41.787	242	36.77	79
17	52.058	258	43.29	163	26.28	28	13.98	294	37.68	54	12.12	270	42.029	215	37.56	68
27	52.316	222	44.92	163	26.56	19	16.92	322	38.22	44	14.82	286	42.244	186	38.24	59
Nov. 6	52.538	183	46.55	160	26.75	10	20.14	338	38.66	35	17.68	294	42.430	155	38.83	50
16	52.721	139	48.15	155	26.85	1	23.52	343	39.01	24	20.62	296	42.585	122	39.33	42
25	[17] 52.860	93	49.70	146	[17] 26.86	9	26.95	334	[17] 39.25	12	23.58	291	[17] 42.707	85	39.75	33
Dez. 5	52.953	44	51.16	133	26.77	18	30.29	313	39.37	0	26.49	276	42.792	47	40.08	25
15	52.997	6	52.49	117	26.59	26	33.42	281	39.37	11	29.25	254	42.839	7	40.33	17
25	52.991	55	53.66	97	26.33	33	36.23	241	39.26	24	31.79	224	42.846	33	40.50	8
35	52.936		54.63		26.00		38.64		39.02		34.03		42.813		40.58	
Mittl. Ort	46.226		29.17		22.66		41.08		27.76		4.16		36.989		19.83	
sec δ, tg δ	1.354		+0.912		2.367		−2.146		3.093		+2.926		1.094		+0.443	
a, *a′*	+4.1		+11.4		+0.7		+11.3		+6.3		+11.2		+3.6		+11.2	
b, *b′*	+0.03		−0.82		−0.08		−0.83		+0.11		−0.83		+0.02		−0.83	

Tag	140) τ⁶ Eridani AR.		140) τ⁶ Eridani Dekl.		143) *g* Eridani AR.		143) *g* Eridani Dekl.		146) γ Hydri AR.		146) γ Hydri Dekl.		144) ζ Persei AR.		144) ζ Persei Dekl.	
1935	$3^h 44^m$		−23° 25′		$3^h 47^m$		−36° 23′		$3^h 48^m$		−74° 25′		$3^h 50^m$		+31° 41′	
	s		″		s		″		s		″		s		″	
Jan. 0	4.925	89	85.97	171	3.319	125	48.74	200	17.57	66	85.93	207	4.680	56	44.39	40
10	4.836	121	87.68	142	3.194	161	50.74	160	16.91	75	88.00	154	4.624	96	44.79	24
20	4.715	150	89.10	107	3.033	191	52.34	118	16.16	81	89.54	98	4.528	131	45.03	6
30	4.565	171	90.17	72	2.842	214	53.52	72	15.35	87	90.52	40	4.397	160	45.09	12
Feb. 9	4.394	185	90.89	34	2.628	228	54.24	26	14.48	87	90.92	19	4.237	178	44.97	32
19	4.209	190	91.23	3	2.400	233	54.50	21	13.61	88	90.73	75	4.059	186	44.65	50
März 1	4.019	186	91.20	40	2.167	228	54.29	67	12.73	85	89.98	128	3.873	183	44.15	66
11	3.833	172	90.80	77	1.939	212	53.62	111	11.88	80	88.70	179	3.690	167	43.49	79
21	3.661	149	90.03	111	1.727	187	52.51	151	11.08	72	86.91	223	3.523	141	42.70	89
31	3.512	119	88.92	144	1.540	154	51.00	189	10.36	64	84.68	263	3.382	105	41.81	92
Apr. 10	3.393	80	87.48	173	1.386	113	49.11	223	9.72	53	82.05	297	3.277	61	40.89	93
20	3.313	37	85.75	201	1.273	65	46.88	252	9.19	41	79.08	323	3.216	11	39.96	87
30	3.276	9	83.74	224	1.208	15	44.36	276	8.78	28	75.85	343	3.205	41	39.09	78
Mai 10	3.285	56	81.50	243	1.193	37	41.60	293	8.50	14	72.42	354	3.246	95	38.31	64
20	3.341	104	79.07	255	1.230	90	38.67	305	8.36	0	68.88	358	3.341	147	37.67	47
30	3.445	149	76.52	263	1.320	140	35.62	309	8.36	14	65.30	352	3.488	195	37.20	27
Juni 9	3.594	190	73.89	264	1.460	187	32.53	305	8.50	27	61.78	339	3.683	240	36.93	7
19	3.784	226	71.25	258	1.647	230	29.48	294	8.77	41	58.39	316	3.923	277	36.86	14
29	4.010	256	68.67	245	1.877	265	26.54	274	9.18	51	55.23	286	4.200	308	37.00	34
Juli 9	4.266	281	66.22	225	2.142	294	23.80	247	9.69	62	52.37	246	4.508	330	37.34	53
19	4.547	297	63.97	198	2.436	315	21.33	213	10.31	71	49.91	200	4.838	347	37.87	70
29	4.844	307	61.99	166	2.751	330	19.20	172	11.02	76	47.91	147	5.185	354	38.57	84
Aug. 8	5.151	310	60.33	127	3.081	335	17.48	125	11.78	81	46.44	90	5.539	357	39.41	96
18	5.461	307	59.06	84	3.416	334	16.23	74	12.59	82	45.54	28	5.896	352	40.37	104
28	5.768	297	58.22	39	3.750	325	15.49	20	13.41	81	45.26	35	6.248	342	41.41	109
Sept. 7	6.065	283	57.83	9	4.075	310	15.29	35	14.22	77	45.61	97	6.590	328	42.50	113
17	6.348	263	57.92	55	4.385	288	15.64	90	14.99	71	46.58	157	6.918	310	43.63	113
27	6.611	241	58.47	99	4.673	261	16.54	139	15.70	63	48.15	212	7.228	289	44.76	111
Okt. 7	6.852	213	59.46	140	4.934	230	17.93	186	16.33	52	50.27	260	7.517	264	45.87	109
17	7.065	184	60.86	175	5.164	194	19.79	224	16.85	39	52.87	298	7.781	237	46.96	105
27	7.249	152	62.61	202	5.358	156	22.03	254	17.24	26	55.85	326	8.018	208	48.01	100
Nov. 6	7.401	118	64.63	222	5.514	116	24.57	274	17.50	11	59.11	341	8.226	173	49.01	94
16	7.519	82	66.85	232	^{18}5.630	72	27.31	285	^{18}17.61	4	62.52	344	8.399	138	49.95	88
25	^{17}7.601	44	69.17	233	5.702	27	30.16	283	17.57	19	65.96	335	^{19}8.537	97	50.83	80
Dez. 5	7.645	6	71.50	227	5.729	16	32.99	272	17.38	33	69.31	313	8.634	55	51.63	72
15	7.651	32	73.77	212	5.713	61	35.71	251	17.05	48	72.44	280	8.689	12	52.35	60
25	7.619	70	75.89	189	5.652	103	38.22	223	16.57	59	75.24	238	8.701	32	52.95	48
35	7.549		77.78		5.549		40.45		15.98		77.62		8.669		53.43	
Mittl. Ort	3.002		86.17		1.282		46.46		13.48		79.38		2.468		31.58	
sec δ, tg δ	1.090		−0.434		1.242		−0.737		3.728		−3.591		1.175		+0.617	
a, *a′*	+2.6		+11.2		+2.2		+11.0		−1.0		+10.9		+3.8		+10.8	
b, *b′*	−0.02		−0.83		−0.03		−0.84		−0.13		−0.84		+0.02		−0.84	

Scheinbare Sternörter 1935

Tag	145) 9 H. Camelop. AR.	Δ	145) Dekl.	Δ	147) ε Persei AR.	Δ	147) Dekl.	Δ	148) ξ Persei AR.	Δ	148) Dekl.	Δ	149) γ Eridani AR.	Δ	149) Dekl.	Δ
1935	3h 51m		+60° 55′		3h 53m		+39° 49′		3h 54m		+35° 36′		3h 54m		−13° 41′	
Jan. 0	38.05	15	31.50	170	31.528	65	39.78	79	46.839	57	33.55	60	61.665	64	30.07	149
10	37.90	23	33.20	133	31.463	110	40.57	57	46.782	99	34.15	41	61.601	97	31.56	126
20	37.67	28	34.53	93	31.353	149	41.14	32	46.683	138	34.56	21	61.504	127	32.82	101
30	37.39	32	35.46	46	31.204	181	41.46	5	46.545	167	34.77	3	61.377	150	33.83	74
Feb. 9	37.07	36	35.92	0	31.023	202	41.51	22	46.378	188	34.74	25	61.227	166	34.57	45
19	36.71	36	35.92	46	30.821	211	41.29	49	46.190	197	34.49	47	61.061	173	35.02	16
März 1	36.35	35	35.46	91	30.610	207	40.80	74	45.993	194	34.02	68	60.888	172	35.18	14
11	36.00	32	34.55	131	30.403	190	40.06	95	45.799	179	33.34	86	60.716	160	35.04	44
21	35.68	28	33.24	166	30.213	162	39.11	111	45.620	152	32.48	98	60.556	139	34.60	73
31	35.40	21	31.58	193	30.051	122	38.00	123	45.468	115	31.50	106	60.417	111	33.87	100
Apr. 10	35.19	14	29.65	211	29.929	74	36.77	129	45.353	69	30.44	110	60.306	76	32.87	127
20	35.05	6	27.54	222	29.855	19	35.48	128	45.284	19	29.34	107	60.230	34	31.60	153
30	34.99	4	25.32	223	29.836	39	34.20	123	45.265	37	28.27	100	60.196	10	30.07	174
Mai 10	35.03	12	23.09	217	29.875	97	32.97	110	45.302	93	27.27	86	60.206	56	28.33	194
20	35.15	21	20.92	203	29.972	154	31.87	95	45.395	147	26.41	72	60.262	101	26.39	209
30	35.36	29	18.89	182	30.126	209	30.92	76	45.542	198	25.69	52	60.363	144	24.30	220
Juni 9	35.65	37	17.07	157	30.335	256	30.16	53	45.740	244	25.17	31	60.507	184	22.10	225
19	36.02	43	15.50	126	30.591	299	29.63	29	45.984	284	24.86	9	60.691	218	19.85	225
29	36.45	48	14.24	93	30.890	332	29.34	5	46.268	316	24.77	12	60.909	249	17.60	218
Juli 9	36.93	53	13.31	57	31.222	359	29.29	18	46.584	341	24.89	34	61.158	271	15.42	205
19	37.46	55	12.74	22	31.581	376	29.47	41	46.925	359	25.23	54	61.429	287	13.37	186
29	38.01	58	12.52	15	31.957	387	29.88	62	47.284	368	25.77	71	61.716	297	11.51	162
Aug. 8	38.59	58	12.67	51	32.344	390	30.50	81	47.652	371	26.48	85	62.013	301	9.89	131
18	39.17	58	13.18	84	32.734	386	31.31	97	48.023	367	27.33	98	62.314	299	8.58	96
28	39.75	56	14.02	116	33.120	377	32.28	110	48.390	358	28.31	108	62.613	291	7.62	58
Sept. 7	40.31	55	15.18	145	33.497	362	33.38	122	48.748	345	29.39	114	62.904	278	7.04	18
17	40.86	51	16.63	171	33.859	343	34.60	130	49.093	326	30.53	119	63.182	263	6.86	22
27	41.37	48	18.34	195	34.202	320	35.90	135	49.419	305	31.72	121	63.445	242	7.08	61
Okt. 7	41.85	44	20.29	215	34.522	294	37.25	140	49.724	280	32.93	121	63.687	220	7.69	98
17	42.29	39	22.44	230	34.816	265	38.65	142	50.004	252	34.14	121	63.907	193	8.67	129
27	42.68	33	24.74	242	35.081	230	40.07	141	50.256	221	35.35	119	64.100	166	9.96	155
Nov. 6	43.01	27	27.16	248	35.311	194	41.48	140	50.477	186	36.54	115	64.266	134	11.51	174
16	43.28	20	29.64	250	35.505	152	42.88	136	50.663	148	37.69	110	64.400	102	13.25	186
25	(19) 43.48	13	32.14	244	(20) 35.657	108	44.24	129	(20) 50.811	107	38.79	103	(20) 64.502	67	15.11	191
Dez. 5	43.61	5	34.58	232	35.765	61	45.53	119	50.918	61	39.82	94	64.569	30	17.02	187
15	43.66	3	36.90	214	35.826	12	46.72	106	50.979	15	40.76	83	64.599	7	18.89	178
25	43.63	11	39.04	187	35.838	39	47.78	89	50.994	31	41.59	69	64.592	44	20.67	163
35	43.52		40.91		35.799		48.67		50.963		42.28		64.548		22.30	
Mittl. Ort	34.71		13.61		29.126		25.50		44.525		20.16		59.733		32.48	
sec δ, tg δ	2.058		+1.798		1.302		+0.834		1.230		+0.716		1.029		−0.244	
a, *a′*	+5.1		+10.7		+4.0		+10.5		+3.9		+10.4		+2.8		+10.4	
b, *b′*	+0.06		− 0.85		+0.03		− 0.85		+0.02		− 0.85		−0.01		− 0.85	

Tag	150) λ Tauri AR.		150) λ Tauri Dekl.		151) ν Tauri AR.		151) ν Tauri Dekl.		152) c Persei AR.		152) c Persei Dekl.		154) o¹ Eridani AR.		154) o¹ Eridani Dekl.	
1935	3h 57m		+12° 18′		3h 59m		+5° 48′		4h 3m		+47° 32′		4h 8m		−6° 59′	
Jan. 0	6.580	42	37.07	47	43.771	42	43.28	75	58.815	72	41.66	120	43.460	46	77.34	131
10	6.538	79	36.60	46	43.729	77	42.53	69	58.743	125	42.86	93	43.414	81	78.65	113
20	6.459	108	36.14	45	43.652	108	41.84	62	58.618	171	43.79	63	43.333	113	79.78	94
30	6.351	135	35.69	43	43.544	134	41.22	53	58.447	210	44.42	30	43.220	139	80.72	73
Feb. 9	6.216	152	35.26	42	43.410	151	40.69	44	58.237	235	44.72	4	43.081	157	81.45	50
19	6.064	161	34.84	38	43.259	160	40.25	34	58.002	247	44.68	38	42.924	167	81.95	27
März 1	5.903	161	34.46	33	43.099	160	39.91	23	57.755	245	44.30	72	42.757	168	82.22	3
11	5.742	148	34.13	28	42.939	149	39.68	10	57.510	228	43.58	100	42.589	159	82.25	21
21	5.594	128	33.85	20	42.790	128	39.58	3	57.282	197	42.58	126	42.430	141	82.04	45
31	5.466	98	33.65	10	42.662	100	39.61	18	57.085	155	41.32	144	42.289	113	81.59	69
Apr. 10	5.368	61	33.55	3	42.562	64	39.79	34	56.930	101	39.88	157	42.176	80	80.90	93
20	5.307	18	33.58	17	42.498	23	40.13	52	56.829	40	38.31	162	42.096	39	79.97	115
30	5.289	28	33.75	33	42.475	21	40.65	69	56.789	24	36.69	161	42.057	4	78.82	136
Mai 10	5.317	74	34.08	49	42.496	67	41.34	86	56.813	90	35.08	154	42.061	48	77.46	155
20	5.391	120	34.57	66	42.563	112	42.20	103	56.903	154	33.54	141	42.109	94	75.91	172
30	5.511	163	35.23	81	42.675	155	43.23	118	57.057	216	32.13	122	42.203	136	74.19	184
Juni 9	5.674	203	36.04	96	42.830	194	44.41	129	57.273	271	30.91	101	42.339	176	72.35	192
19	5.877	237	37.00	108	43.024	227	45.70	139	57.544	319	29.90	76	42.515	211	70.43	196
29	6.114	264	38.08	116	43.251	256	47.09	143	57.863	360	29.14	49	42.726	240	68.47	193
Juli 9	6.378	286	39.24	122	43.507	277	48.52	145	58.223	392	28.65	22	42.966	264	66.54	186
19	6.664	301	40.46	123	43.784	292	49.97	140	58.615	415	28.43	5	43.230	280	64.68	172
29	6.965	310	41.69	120	44.076	302	51.37	131	59.030	429	28.48	31	43.510	293	62.96	152
Aug. 8	7.275	311	42.89	114	44.378	304	52.68	119	59.459	435	28.79	56	43.803	297	61.44	129
18	7.586	309	44.03	102	44.682	302	53.87	102	59.894	434	29.35	80	44.100	297	60.15	100
28	7.895	301	45.05	89	44.984	295	54.89	82	60.328	427	30.15	100	44.397	291	59.15	68
Sept. 7	8.196	289	45.94	73	45.279	283	55.71	58	60.755	412	31.15	118	44.688	281	58.47	34
17	8.485	274	46.67	54	45.562	268	56.29	35	61.167	394	32.33	134	44.969	268	58.13	2
27	8.759	255	47.21	36	45.830	250	56.64	11	61.561	369	33.67	148	45.237	250	58.15	36
Okt. 7	9.014	234	47.57	18	46.080	230	56.75	12	61.930	342	35.15	159	45.487	229	58.51	70
17	9.248	211	47.75	2	46.310	207	56.63	33	62.272	309	36.74	167	45.716	207	59.21	98
27	9.459	185	47.77	14	46.517	181	56.30	51	62.581	271	38.41	173	45.923	180	60.19	123
Nov. 6	9.644	156	47.63	25	46.698	152	55.79	66	62.852	229	40.14	176	46.103	152	61.42	141
16	9.800	125	47.38	36	46.850	122	55.13	76	63.081	182	41.90	176	46.255	120	62.83	153
25	[21] 9.925	91	47.02	42	[21] 46.972	89	54.37	82	[22] 63.263	131	43.66	171	[24] 46.375	87	64.36	159
Dez. 5	10.016	54	46.60	46	47.061	52	53.55	85	63.394	75	45.37	163	46.462	50	65.95	159
15	10.070	17	46.14	48	47.113	16	52.70	84	63.469	18	47.00	150	46.512	12	67.54	152
25	10.087	22	45.66	49	47.129	23	51.86	81	63.487	40	48.50	131	46.524	25	69.06	142
35	10.065		45.17		47.106		51.05		63.447		49.81		46.499		70.48	
Mittl. Ort	4.562		28.82		41.783		36.56		56.100		26.63		41.481		81.17	
sec δ, tg δ	1.024		+0.218		1.005		+0.102		1.481		+1.093		1.008		−0.123	
a, a′	+3.3		+10.2		+3.2		+10.0		+4.4		+9.7		+2.9		+9.4	
b, b′	+0.01		− 0.86		0.00		− 0.87		+0.04		−0.87		0.00		−0.88	

Scheinbare Sternörter 1935

Tag	155) α Horologii AR.	Δ	155) α Horologii Dekl.	Δ	156) α Reticuli AR.	Δ	156) α Reticuli Dekl.	Δ	160) υ⁴ Eridani AR.	Δ	160) υ⁴ Eridani Dekl.	Δ	162) δ Tauri AR.	Δ	162) δ Tauri Dekl.	Δ
1935	4h 11m		−42° 26′		4h 13m		−62° 37′		4h 15m		−33° 56′		4h 19m		+17° 23′	
Jan. 0	52.911	131	76.79	233	37.81	30	74.78	247	28.050	95	83.37	219	13.164	25	38.04	24
10	52.780	174	79.12	192	37.51	36	77.25	200	27.955	135	85.56	184	13.139	64	37.80	26
20	52.606	211	81.04	148	37.15	41	79.25	149	27.820	170	87.40	145	13.075	101	37.54	27
30	52.395	240	82.52	100	36.74	46	80.74	93	27.650	198	88.85	101	12.974	130	37.27	30
Feb. 9	52.155	259	83.52	50	36.28	48	81.67	37	27.452	218	89.86	57	12.844	153	36.97	32
19	51.896	270	84.02	0	35.80	49	82.04	21	27.234	228	90.43	11	12.691	167	36.65	35
März 1	51.626	268	84.02	50	35.31	48	81.83	75	27.006	229	90.54	34	12.524	168	36.30	35
11	51.358	256	83.52	97	34.83	46	81.08	128	26.777	219	90.20	77	12.356	161	35.95	35
21	51.102	233	82.55	143	34.37	43	79.80	177	26.558	199	89.43	120	12.195	141	35.60	33
31	50.869	201	81.12	184	33.94	37	78.03	221	26.359	170	88.23	158	12.054	115	35.27	29
Apr. 10	50.668	160	79.28	221	33.57	32	75.82	260	26.189	133	86.65	194	11.939	78	34.98	21
20	50.508	113	77.07	254	33.25	25	73.22	293	26.056	90	84.71	225	11.861	36	34.77	11
30	50.395	59	74.53	280	33.00	17	70.29	319	25.966	41	82.46	252	11.825	9	34.66	1
Mai 10	50.336	5	71.73	302	32.83	9	67.10	339	25.925	9	79.94	273	11.834	56	34.67	14
20	50.331	52	68.71	315	32.74	1	63.71	350	25.934	59	77.21	289	11.890	104	34.81	29
30	50.383	107	65.56	322	32.73	9	60.21	352	25.993	111	74.32	297	11.994	148	35.10	44
Juni 9	50.490	160	62.34	320	32.82	16	56.69	347	26.104	156	71.35	298	12.142	190	35.54	58
19	50.650	207	59.14	310	32.98	24	53.22	331	26.260	200	68.37	292	12.332	226	36.12	72
29	50.857	250	56.04	291	33.22	31	49.91	308	26.460	237	65.45	277	12.558	257	36.84	82
Juli 9	51.107	286	53.13	265	33.53	38	46.83	275	26.697	269	62.68	254	12.815	282	37.66	90
19	51.393	316	50.48	230	33.91	43	44.08	234	26.966	294	60.14	225	13.097	299	38.56	95
29	51.709	336	48.18	189	34.34	47	41.74	186	27.260	312	57.89	186	13.396	311	39.51	96
Aug. 8	52.045	349	46.29	140	34.81	49	39.88	132	27.572	322	56.03	144	13.707	317	40.47	94
18	52.394	353	44.89	87	35.30	51	38.56	72	27.894	327	54.59	95	14.024	317	41.41	89
28	52.747	351	44.02	30	35.81	51	37.84	9	28.221	323	53.64	43	14.341	313	42.30	80
Sept. 7	53.098	339	43.72	29	36.32	50	37.75	54	28.544	313	53.21	12	14.654	304	43.10	69
17	53.437	322	44.01	86	36.82	47	38.29	117	28.857	298	53.33	66	14.958	291	43.79	56
27	53.759	296	44.87	142	37.29	42	39.46	176	29.155	277	53.99	118	15.249	277	44.35	43
Okt. 7	54.055	266	46.29	192	37.71	38	41.22	230	29.432	252	55.17	166	15.526	258	44.78	29
17	54.321	231	48.21	236	38.09	31	43.52	275	29.684	221	56.83	209	15.784	236	45.07	16
27	54.552	189	50.57	271	38.40	24	46.27	311	29.905	187	58.92	242	16.020	212	45.23	6
Nov. 6	54.741	144	53.28	296	38.64	16	49.38	335	30.092	148	61.34	267	16.232	183	45.29	4
16	54.885	97	56.24	310	38.80	8	52.73	347	30.240	108	64.01	282	16.415	153	45.25	11
25*)	[24] 54.982	47	59.34	313	[25] 38.88	1	56.20	346	[25] 30.348	65	66.83	286	[26] 16.568	118	45.14	17
Dez. 5	55.029	4	62.47	303	38.87	9	59.66	334	30.413	20	69.69	280	16.686	79	44.97	20
15	55.025	55	65.50	285	38.78	18	63.00	309	30.433	26	72.49	264	16.765	40	44.77	23
25	54.970	104	68.35	256	38.60	25	66.09	275	30.407	71	75.13	240	16.805	2	44.54	24
35	54.866		70.91		38.35		68.84		30.336		77.53		16.803		44.30	
Mittl. Ort	50.708		74.33		34.91		70.24		25.950		82.27		11.007		29.41	
sec δ, tg δ	1.355		−0.915		2.176		−1.932		1.206		−0.673		1.048		+0.313	
a, *a*′	+2.0		+9.1		+0.8		+9.0		+2.3		+8.8		+3.5		+8.5	
b, *b*′	−0.03		−0.89		−0.06		−0.89		−0.02		−0.90		+0.01		−0.90	

*) Bei Stern 162) lies Nov. 26

Tag	164) ε Tauri AR.		164) ε Tauri Dekl.		168) α Tauri AR.		168) α Tauri Dekl.	
1935	$4^h 24^m$		$+19° 2'$		$4^h 32^m$		$+16° 22'$	
Jan. 0	51.309	20	24.79	16	13.499	14	56.37	29
10	51.289	61	24.63	18	13.485	56	56.08	29
20	51.228	98	24.45	21	13.429	93	55.79	30
30	51.130	130	24.24	25	13.336	126	55.49	30
Feb. 9	51.000	154	23.99	29	13.210	149	55.19	31
19	50.846	167	23.70	32	13.061	166	54.88	32
März 1	50.679	171	23.38	35	12.895	170	54.56	31
11	50.508	164	23.03	37	12.725	164	54.25	31
21	50.344	146	22.66	36	12.561	148	53.94	28
31	50.198	119	22.30	34	12.413	122	53.66	23
Apr. 10	50.079	84	21.96	28	12.291	88	53.43	16
20	49.995	41	21.68	20	12.203	48	53.27	7
30	49.954	5	21.48	9	12.155	3	53.20	5
Mai 10	49.959	52	21.39	4	12.152	44	53.25	18
20	50.011	100	21.43	18	12.196	90	53.43	31
30	50.111	144	21.61	32	12.286	135	53.74	45
Juni 9	50.255	187	21.93	46	12.421	177	54.19	58
19	50.442	224	22.39	60	12.598	214	54.77	70
29	50.666	255	22.99	71	12.812	246	55.47	80
Juli 9	50.921	281	23.70	80	13.058	271	56.27	87
19	51.202	300	24.50	86	13.329	291	57.14	90
29	51.502	312	25.36	88	13.620	305	58.04	91
Aug. 8	51.814	319	26.24	88	13.925	311	58.95	88
18	52.133	320	27.12	83	14.236	315	59.83	81
28	52.453	316	27.95	77	14.551	312	60.64	72
Sept. 7	52.769	309	28.72	68	14.863	306	61.36	59
17	53.078	297	29.40	56	15.169	295	61.95	46
27	53.375	282	29.96	45	15.464	282	62.41	32
Okt. 7	53.657	265	30.41	33	15.746	265	62.73	18
17	53.922	243	30.74	21	16.011	245	62.91	5
27	54.165	219	30.95	12	16.256	222	62.96	7
Nov. 6	54.384	192	31.07	3	16.478	195	62.89	16
16	54.576	160	31.10	4	16.673	164	62.73	23
26	54.736	125	31.06	8	16.837	130	62.50	28
Dez. 5	^{28}54.861	86	30.98	11	^{30}16.967	92	62.22	30
15	54.947	46	30.87	14	17.059	51	61.92	31
25	54.993	3	30.73	16	17.110	9	61.61	32
35	54.996		30.57		17.119		61.29	
Mittl. Ort	49.110		16.06		11.302		48.43	
sec δ, tg δ	1.058		+0.345		1.042		+0.294	
a, a'	+3.5		+8.1		+3.4		+7.5	
b, b'	+0.01		−0.91		+0.01		−0.93	

Tag	171) α Doradus AR.		171) α Doradus Dekl.		169) ν Eridani AR.		169) ν Eridani Dekl.	
1935	$4^h 32^m$		$-55° 10'$		$4^h 33^m$		$-3° 28'$	
Jan. 0	38.090	190	46.07	267	6.256	24	58.36	126
10	37.900	247	48.74	224	6.232	63	59.62	110
20	37.653	297	50.98	177	6.169	99	60.72	94
30	37.356	336	52.75	124	6.070	128	61.66	75
Feb. 9	37.020	363	53.99	70	5.942	151	62.41	56
19	36.657	379	54.69	16	5.791	166	62.97	36
März 1	36.278	381	54.85	40	5.625	170	63.33	15
11	35.897	369	54.45	91	5.455	165	63.48	6
21	35.528	345	53.54	141	5.290	149	63.42	27
31	35.183	310	52.13	188	5.141	126	63.15	48
Apr. 10	34.873	262	50.25	228	5.015	94	62.67	70
20	34.611	207	47.97	265	4.921	57	61.97	90
30	34.404	145	45.32	295	4.864	15	61.07	110
Mai 10	34.259	78	42.37	319	4.849	29	59.97	129
20	34.181	9	39.18	333	4.878	74	58.68	145
30	34.172	60	35.85	343	4.952	117	57.23	158
Juni 9	34.232	129	32.42	341	5.069	157	55.65	168
19	34.361	192	29.01	332	5.226	193	53.97	173
29	34.553	252	25.69	313	5.419	224	52.24	173
Juli 9	34.805	304	22.56	286	5.643	250	50.51	169
19	35.109	348	19.70	249	5.893	270	48.82	159
29	35.457	384	17.21	206	6.163	284	47.23	143
Aug. 8	35.841	408	15.15	155	6.447	292	45.80	123
18	36.249	424	13.60	98	6.739	296	44.57	97
28	36.673	428	12.62	38	7.035	293	43.60	69
Sept. 7	37.101	421	12.24	25	7.328	288	42.91	38
17	37.522	405	12.49	89	7.616	277	42.53	5
27	37.927	377	13.38	148	7.893	264	42.48	27
Okt. 7	38.304	341	14.86	204	8.157	247	42.75	58
17	38.645	296	16.90	253	8.404	227	43.33	86
27	38.941	243	19.43	294	8.631	203	44.19	109
Nov. 6	39.184	184	22.37	322	8.834	177	45.28	128
16	39.368	119	25.59	340	9.011	147	46.56	141
26	39.487	51	28.99	345	9.158	113	47.97	147
Dez. 5	^{30}39.538	17	32.44	338	^{30}9.271	76	49.44	148
15	39.521	87	35.82	320	9.347	38	50.92	144
25	39.434	152	39.02	291	9.385	3	52.36	135
35	39.282		41.93		9.382		53.71	
Mittl. Ort	35.501		43.04		4.194		62.66	
sec δ, tg δ	1.751		−1.438		1.002		−0.061	
a, a'	+1.3		+7.5		+3.0		+7.4	
b, b'	−0.04		−0.93		0.00		−0.93	

Tag	172) 53 Eridani AR.		Dekl.		174) τ Tauri AR.		Dekl.	
1935	$4^h 35^m$		$-14° 25'$		$4^h 38^m$		$+22° 50'$	
Jan. 0	14.184	36	45.55	173	22.782	9	10.42	5
10	14.148	75	47.28	150	22.773	53	10.47	1
20	14.073	111	48.78	125	22.720	93	10.48	5
30	13.962	141	50.03	98	22.627	128	10.43	11
Feb. 9	13.821	164	51.01	67	22.499	155	10.32	18
19	13.657	178	51.68	37	22.344	171	10.14	25
März 1	13.479	183	52.05	6	22.173	178	9.89	33
11	13.296	178	52.11	24	21.995	173	9.56	39
21	13.118	163	51.87	55	21.822	156	9.17	42
31	12.955	139	51.32	84	21.666	130	8.75	44
Apr. 10	12.816	107	50.48	111	21.536	95	8.31	42
20	12.709	70	49.37	138	21.441	54	7.89	38
30	12.639	28	47.99	162	21.387	8	7.51	30
Mai 10	12.611	16	46.37	183	21.379	40	7.21	20
20	12.627	62	44.54	199	21.419	89	7.01	8
30	12.689	105	42.55	213	21.508	136	6.93	5
Juni 9	12.794	147	40.42	220	21.644	179	6.98	19
19	12.941	185	38.22	222	21.823	218	7.17	32
29	13.126	217	36.00	217	22.041	251	7.49	44
Juli 9	13.343	244	33.83	207	22.292	279	7.93	55
19	13.587	267	31.76	190	22.571	299	8.48	63
29	13.854	282	29.86	166	22.870	315	9.11	68
Aug. 8	14.136	292	28.20	138	23.185	323	9.79	71
18	14.428	296	26.82	103	23.508	327	10.50	70
28	14.724	295	25.79	65	23.835	325	11.20	67
Sept. 7	15.019	290	25.14	25	24.160	320	11.87	62
17	15.309	279	24.89	18	24.480	310	12.49	55
27	15.588	266	25.07	58	24.790	297	13.04	47
Okt. 7	15.854	248	25.65	98	25.087	281	13.51	39
17	16.102	226	26.63	133	25.368	261	13.90	30
27	16.328	202	27.96	162	25.629	238	14.20	24
Nov. 6	16.530	173	29.58	185	25.867	210	14.44	19
16	16.703	140	31.43	200	26.077	178	14.63	15
26	16.843	106	33.43	208	26.255	143	14.78	11
Dez. 5	30 16.949	67	35.51	207	1 26.398	103	14.89	9
15	17.016	28	37.58	200	26.501	61	14.98	7
25	17.044	13	39.58	186	26.562	15	15.05	5
35	17.031		41.44		26.577		15.10	
Mittl. Ort	12.130		47.94		20.478		1.61	
sec δ, tg δ	1.033		−0.257		1.085		+0.421	
a, a′	+2.8		+7.2		+3.6		+7.0	
b, b′	−0.01		−0.93		+0.01		−0.94	

Tag	173) Grb 848 AR.		Dekl.		175) 4 Camelop. AR.		Dekl.	
1935	$4^h 40^m$		$+75° 49'$		$4^h 42^m$		$+56° 38'$	
Jan. 0	9.92	24	50.60	256	38.302	49	51.66	178
10	9.68	39	53.16	224	38.253	121	53.44	155
20	9.29	53	55.40	183	38.132	188	54.99	124
30	8.76	65	57.23	135	37.944	244	56.23	88
Feb. 9	8.11	73	58.58	82	37.700	287	57.11	49
19	7.38	78	59.40	26	37.413	312	57.60	8
März 1	6.60	79	59.66	31	37.101	322	57.68	33
11	5.81	76	59.35	86	36.779	312	57.35	74
21	5.05	69	58.49	135	36.467	284	56.61	110
31	4.36	61	57.14	181	36.183	242	55.51	141
Apr. 10	3.75	48	55.33	217	35.941	186	54.10	166
20	3.27	33	53.16	246	35.755	118	52.44	185
30	2.94	18	50.70	264	35.637	45	50.59	196
Mai 10	2.76	1	48.06	274	35.592	33	48.63	199
20	2.75	16	45.32	275	35.625	111	46.64	195
30	2.91	32	42.57	267	35.736	187	44.69	186
Juni 9	3.23	47	39.90	250	35.923	258	42.83	170
19	3.70	62	37.40	229	36.181	322	41.13	150
29	4.32	75	35.11	199	36.503	378	39.63	126
Juli 9	5.07	85	33.12	167	36.881	426	38.37	100
19	5.92	94	31.45	130	37.307	463	37.37	72
29	6.86	101	30.15	91	37.770	491	36.65	42
Aug. 8	7.87	107	29.24	50	38.261	510	36.23	13
18	8.94	109	28.74	8	38.771	520	36.10	16
28	10.03	110	28.66	34	39.291	522	36.26	45
Sept. 7	11.13	109	29.00	75	39.813	515	36.71	72
17	12.22	107	29.75	114	40.328	503	37.43	97
27	13.29	102	30.89	152	40.831	483	38.40	121
Okt. 7	14.31	95	32.41	187	41.314	457	39.61	143
17	15.26	87	34.28	219	41.771	423	41.04	163
27	16.13	77	36.47	247	42.194	381	42.67	180
Nov. 6	16.90	65	38.94	269	42.575	334	44.47	193
16	17.55	52	41.63	286	42.909	277	46.40	203
26	18.07	36	44.49	294	43.186	215	48.43	209
Dez. 5	2 18.43	20	47.43	296	2 43.401	145	50.52	208
15	18.63	3	50.39	288	43.546	70	52.60	201
25	18.66	13	53.27	271	43.616	6	54.61	189
35	18.53		55.98		43.610		56.50	
Mittl. Ort	3.08		35.24		34.803		38.24	
sec δ, tg δ	4.084		+3.960		1.819		+1.519	
a, a′	+8.0		+6.9		+5.0		+6.6	
b, b′	+0.09		−0.94		+0.03		−0.94	

Tag	178) 9 Camelop. AR.	Δ	Dekl.	Δ	180) π⁵ Orionis AR.	Δ	Dekl.	Δ	181) ι Aurigae AR.	Δ	Dekl.	Δ	183) ε Aurigae AR.	Δ	Dekl.	Δ
1935	4ʰ 47ᵐ		+66° 14′		4ʰ 50ᵐ		+2° 20′		4ʰ 52ᵐ		+33° 3′		4ʰ 57ᵐ		+43° 43′	
Jan. 0	38.98	9	19.94	223	53.977	5	13.01	104	48.021	1	63.33	61	20.929	1	54.93	119
10	38.89	19	22.17	197	53.972	47	11.97	92	48.022	48	63.94	52	20.928	60	56.12	105
20	38.70	28	24.14	161	53.925	85	11.05	80	47.974	95	64.46	40	20.868	114	57.17	85
30	38.42	35	25.75	120	53.840	117	10.25	65	47.879	136	64.86	26	20.754	161	58.02	63
Feb. 9	38.07	41	26.95	73	53.723	144	9.60	52	47.743	167	65.12	9	20.593	199	58.65	36
19	37.66	45	27.68	25	53.579	161	9.08	37	47.576	189	65.21	9	20.394	223	59.01	7
März 1	37.21	45	27.93	24	53.418	169	8.71	22	47.387	198	65.12	27	20.171	235	59.08	21
11	36.76	45	27.69	73	53.249	167	8.49	7	47.189	195	64.85	43	19.936	233	58.87	49
21	36.31	41	26.96	117	53.082	154	8.42	9	46.994	180	64.42	59	19.703	215	58.38	75
31	35.90	35	25.79	157	52.928	133	8.51	25	46.814	153	63.83	70	19.488	185	57.63	97
Apr. 10	35.55	28	24.22	189	52.795	102	8.76	42	46.661	117	63.13	79	19.303	145	56.66	115
20	35.27	20	22.33	214	52.693	66	9.18	59	46.544	73	62.34	82	19.158	94	55.51	127
30	35.07	9	20.19	230	52.627	26	9.77	76	46.471	24	61.52	83	19.064	39	54.24	133
Mai 10	34.98	0	17.89	238	52.601	18	10.53	92	46.447	28	60.69	78	19.025	21	52.91	134
20	34.98	12	15.51	239	52.619	62	11.45	108	46.475	80	59.91	70	19.046	81	51.57	131
30	35.10	21	13.12	231	52.681	106	12.53	121	46.555	132	59.21	60	19.127	140	50.26	122
Juni 9	35.31	31	10.81	217	52.787	146	13.74	131	46.687	180	58.61	47	19.267	195	49.04	109
19	35.62	40	8.64	196	52.933	183	15.05	138	46.867	224	58.14	33	19.462	246	47.95	94
29	36.02	47	6.68	171	53.116	215	16.43	142	47.091	261	57.81	18	19.708	289	47.01	77
Juli 9	36.49	55	4.97	143	53.331	242	17.85	140	47.352	293	57.63	3	19.997	328	46.24	57
19	37.04	60	3.54	110	53.573	263	19.25	135	47.645	317	57.60	11	20.325	357	45.67	37
29	37.64	64	2.44	76	53.836	280	20.60	124	47.962	336	57.71	23	20.682	380	45.30	18
Aug. 8	38.28	66	1.68	40	54.116	290	21.84	109	48.298	349	57.94	34	21.062	395	45.12	1
18	38.94	69	1.28	6	54.406	295	22.93	89	48.647	355	58.28	43	21.457	405	45.13	20
28	39.63	69	1.22	30	54.701	296	23.82	66	49.002	356	58.71	49	21.862	408	45.33	36
Sept. 7	40.32	69	1.52	65	54.997	292	24.48	41	49.358	353	59.20	55	22.270	405	45.69	51
17	41.01	67	2.17	98	55.289	286	24.89	13	49.711	345	59.75	58	22.675	397	46.20	66
27	41.68	65	3.15	130	55.575	274	25.02	14	50.056	334	60.33	61	23.072	385	46.86	79
Okt. 7	42.33	61	4.45	159	55.849	261	24.88	41	50.390	318	60.94	62	23.457	368	47.65	90
17	42.94	57	6.04	187	56.110	243	24.47	65	50.708	298	61.56	65	23.825	346	48.55	102
27	43.51	51	7.91	210	56.353	222	23.82	85	51.006	274	62.21	65	24.171	318	49.57	111
Nov. 6	44.02	44	10.01	229	56.575	197	22.97	102	51.280	246	62.86	67	24.489	284	50.68	120
16	44.46	36	12.30	244	56.772	168	21.95	113	51.526	211	63.53	69	24.773	245	51.88	127
26	44.82	28	14.74	253	56.940	135	20.82	119	51.737	173	64.22	70	25.018	198	53.15	131
Dez. 5*)	[4] 45.10	17	17.27	255	[4] 57.075	99	19.63	121	[5] 51.910	128	64.92	69	[6] 25.216	147	54.46	133
15	45.27	8	19.82	248	57.174	59	18.42	117	52.038	80	65.61	67	25.363	91	55.79	130
25	45.35	3	22.30	235	57.233	18	17.25	111	52.118	30	66.28	63	25.454	32	57.09	124
35	45.32		24.65		57.251		16.14		52.148		66.91		25.486		58.33	
Mittl. Ort	34.43		6.00		51.839		8.03		45.464		53.72		18.027		44.22	
sec δ, tg δ	2.482		+2.271		1.001		+0.041		1.193		+0.651		1.384		+0.957	
a, a'	+6.0		+6.2		+3.1		+6.0		+3.9		+5.8		+4.3		+5.4	
b, b'	+0.05		−0.95		0.00		−0.95		+0.01		−0.96		+0.02		−0.96	

*) Bei Stern 183) lies Dez. 6

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Tag	182) 10 Camelop. AR.	Δ	182) Dekl.	Δ	184) ι Tauri AR.	Δ	184) Dekl.	Δ	185) η Aurigae AR.	Δ	185) Dekl.	Δ	186) ε Leporis AR.	Δ	186) Dekl.	Δ
1935	4h 57m		+60° 20′		4h 59m		+21° 29′		5h 1m		+41° 8′		5h 2m		−22° 27′	
Jan. 0	41.58	4	71.41	201	14.881	10	63.04	3	60.019	7	64.43	106	44.670	27	24.33	219
10	41.54	12	73.42	179	14.891	36	63.01	4	60.026	50	65.49	94	44.643	70	26.52	193
20	41.42	19	75.21	149	14.855	79	62.97	5	59.976	103	66.43	77	44.573	110	28.45	163
30	41.23	27	76.70	114	14.776	116	62.92	9	59.873	150	67.20	57	44.463	145	30.08	130
Feb. 9	40.96	31	77.84	73	14.660	146	62.83	13	59.723	186	67.77	33	44.318	173	31.38	94
19	40.65	35	78.57	29	14.514	167	62.70	19	59.537	212	68.10	8	44.145	192	32.32	56
März 1	40.30	37	78.86	15	14.347	178	62.51	24	59.325	224	68.18	18	43.953	201	32.88	19
11	39.93	36	78.71	58	14.169	176	62.27	29	59.101	222	68.00	44	43.752	200	33.07	18
21	39.57	33	78.13	100	13.993	163	61.98	32	58.879	207	67.56	67	43.552	189	32.89	55
31	39.24	29	77.13	135	13.830	141	61.66	33	58.672	180	66.89	87	43.363	169	32.34	90
Apr. 10	38.95	23	75.78	165	13.689	109	61.33	33	58.492	141	66.02	103	43.194	140	31.44	123
20	38.72	16	74.13	189	13.580	70	61.00	29	58.351	94	64.99	114	43.054	104	30.21	154
30	38.56	8	72.24	205	13.510	27	60.71	23	58.257	40	63.85	121	42.950	63	28.67	182
Mai 10	38.48	0	70.19	213	13.483	20	60.48	15	58.217	16	62.64	121	42.887	20	26.85	206
20	38.48	9	68.06	213	13.503	68	60.33	4	58.233	75	61.43	117	42.867	26	24.79	226
30	38.57	17	65.93	208	13.571	114	60.29	6	58.308	130	60.26	109	42.893	71	22.53	240
Juni 9	38.74	25	63.85	195	13.685	158	60.35	18	58.438	185	59.17	97	42.964	115	20.13	248
19	38.99	32	61.90	178	13.843	197	60.53	30	58.623	233	58.20	83	43.079	156	17.65	250
29	39.31	39	60.12	155	14.040	232	60.83	40	58.856	275	57.37	66	43.235	192	15.15	246
Juli 9	39.70	45	58.57	130	14.272	261	61.23	48	59.131	312	56.71	49	43.427	224	12.69	234
19	40.15	49	57.27	102	14.533	285	61.71	54	59.443	342	56.22	32	43.651	251	10.35	214
29	40.64	52	56.25	72	14.818	301	62.25	58	59.785	364	55.90	14	43.902	272	8.21	187
Aug. 8	41.16	55	55.53	42	15.119	314	62.83	59	60.149	379	55.76	3	44.174	287	6.34	155
18	41.71	57	55.11	11	15.433	320	63 42	57	60.528	389	55.79	19	44.461	297	4.79	116
28	42.28	57	55.00	21	15.753	322	63.99	52	60.917	393	55.98	33	44.758	301	3.63	73
Sept. 7	42.85	58	55.21	50	16.075	320	64.51	46	61.310	391	56.31	45	45.059	300	2.90	26
17	43.43	56	55.71	79	16.395	314	64.97	37	61.701	384	56.76	58	45.359	294	2.64	23
27	43.99	54	56.50	107	16.709	304	65.34	29	62.085	374	57.34	68	45.653	285	2.87	71
Okt. 7	44.53	52	57.57	134	17.013	290	65.63	20	62.459	357	58.02	78	45.938	269	3.58	116
17	45.05	49	58.91	157	17.303	275	65.83	12	62.816	337	58.80	87	46.207	250	4.74	158
27	45.54	44	60.48	178	17.578	253	65.95	5	63.153	312	59.67	96	46.457	226	6.32	194
Nov. 6	45.98	39	62.26	197	17.831	228	66.00	1	63.465	280	60.63	103	46.683	197	8.26	222
16	46.37	33	64.23	211	18.059	197	65.99	3	63.745	242	61.66	109	46.880	165	10.48	242
26	46.70	25	66.34	220	18.256	164	65.96	5	63.987	198	62.75	114	47.045	128	12.90	254
Dez. 6	6 46.95	19	68.54	224	6 18.420	124	65.91	5	7 64.185	150	63.89	116	7 47.173	86	15.44	254
15	47.14	9	70.78	221	18.544	81	65.86	5	64.335	96	65.05	115	47.259	44	17.98	248
25	47.23	2	72.99	210	18.625	35	65.81	5	64.431	38	66.20	109	47.303	1	20.46	233
35	47.25		75.09		18.660		65.76		64.469		67.29		47.302		22.79	
Mittl. Ort	37.65		58.91		12.523		55.45		57.189		54.38		42.539		25.75	
sec δ, tg δ	2.021		+1.757		1.075		+0.394		1.328		+0.874		1.082		−0.413	
a, a'	+5.3		+5.4		+3.6		+5.3		+4.2		+5.0		+2.5		+5.0	
b, b'	+0.03		−0.96		+0.01		−0.96		+0.01		−0.97		−0.01		−0.97	

Tag	188) β Eridani AR.	Δ	188) β Eridani Dekl.	Δ	192) μ Aurigae AR.	Δ	192) μ Aurigae Dekl.	Δ
1935	$5^h 4^m$		$-5° 9'$		$5^h 8^m$		$+38° 24'$	
Jan. 0	41.345	0	65.22	145	61.414	16	42.81	92
10	41.345	43	66.67	129	61.430	39	43.73	83
20	41.302	83	67.96	110	61.391	91	44.56	69
30	41.219	117	69.06	90	61.300	138	45.25	52
Feb. 9	41.102	144	69.96	68	61.162	174	45.77	32
19	40.958	165	70.64	46	60.988	200	46.09	9
März 1	40.793	174	71.10	24	60.788	214	46.18	13
11	40.619	174	71.34	1	60.574	214	46.05	37
21	40.445	163	71.35	22	60.360	201	45.68	57
31	40.282	144	71.13	44	60.159	176	45.11	76
Apr. 10	40.138	117	70.69	66	59.983	140	44.35	90
20	40.021	81	70.03	87	59.843	95	43.45	100
30	39.940	43	69.16	108	59.748	45	42.45	106
Mai 10	39.897	0	68.08	127	59.703	9	41.39	106
20	39.897	43	66.81	143	59.712	65	40.33	103
30	39.940	86	65.38	157	59.777	120	39.30	94
Juni 9	40.026	127	63.81	166	59.897	171	38.36	85
19	40.153	165	62.15	173	60.068	218	37.51	72
29	40.318	198	60.42	173	60.286	260	36.79	57
Juli 9	40.516	227	58.69	169	60.546	296	36.22	41
19	40.743	250	57.00	159	60.842	324	35.81	26
29	40.993	268	55.41	143	61.166	347	35.55	12
Aug. 8	41.261	281	53.98	122	61.513	364	35.43	4
18	41.542	289	52.76	96	61.877	372	35.47	16
28	41.831	292	51.80	67	62.249	378	35.63	27
Sept. 7	42.123	291	51.13	35	62.627	378	35.90	38
17	42.414	285	50.78	0	63.005	372	36.28	47
27	42.699	277	50.78	35	63.377	363	36.75	55
Okt. 7	42.976	265	51.13	67	63.740	349	37.30	63
17	43.241	248	51.80	98	64.089	331	37.93	71
27	43.489	228	52.78	123	64.420	306	38.64	77
Nov. 6	43.717	204	54.01	144	64.726	278	39.41	83
16	43.921	175	55.45	159	65.004	243	40.24	90
26	44.096	142	57.04	167	65.247	201	41.14	94
Dez. 6	44.238	105	58.71	168	65.448	154	42.08	97
15	44.343	65	60.39	164	65.602	103	43.05	97
25	44.408	23	62.03	155	65.705	47	44.02	95
35	44.431		63.58		65.752		44.97	
Mittl. Ort	39.209		68.86		58.643		33.60	
sec δ, tg δ	1.004		−0.090		1.276		+0.793	
a, *a'*	+3.0		+4.8		+4.1		+4.4	
b, *b'*	0.00		−0.97		+0.01		−0.98	

Tag	194) β Orionis AR.	Δ	194) β Orionis Dekl.	Δ	191) 19 H. Camelop. AR.	Δ	191) 19 H. Camelop. Dekl.	Δ
1935	$5^h 11^m$		$-8° 16'$		$5^h 11^m$		$+79° 9'$	
Jan. 0	26.922	2	28.32	162	57.66	19	52.30	282
10	26.924	42	29.94	145	57.47	40	55.12	257
20	26.882	81	31.39	124	57.07	61	57.69	222
30	26.801	117	32.63	101	56.46	78	59.91	178
Feb. 9	26.684	145	33.64	76	55.68	91	61.69	127
19	26.539	166	34.40	51	54.77	101	62.96	72
März 1	26.373	177	34.91	26	53.76	104	63.68	14
11	26.196	178	35.17	0	52.72	105	63.82	44
21	26.018	168	35.17	25	51.67	98	63.38	99
31	25.850	151	34.92	50	50.69	89	62.39	149
Apr. 10	25.699	123	34.42	74	49.80	76	60.90	193
20	25.576	89	33.68	98	49.04	58	58.97	230
30	25.487	51	32.70	120	48.46	40	56.67	257
Mai 10	25.436	8	31.50	139	48.06	19	54.10	276
20	25.428	34	30.11	157	47.87	2	51.34	285
30	25.462	77	28.54	171	47.89	23	48.49	285
Juni 9	25.539	119	26.83	181	48.12	44	45.64	278
19	25.658	157	25.02	186	48.56	64	42.86	262
29	25.815	190	23.16	186	49.20	81	40.24	239
Juli 9	26.005	220	21.30	180	50.01	97	37.85	212
19	26.225	245	19.50	170	50.98	112	35.73	179
29	26.470	263	17.80	151	52.10	122	33.94	143
Aug. 8	26.733	278	16.29	129	53.32	131	32.51	103
18	27.011	287	15.00	101	54.63	137	31.48	63
28	27.298	291	13.99	69	56.00	141	30.85	20
Sept. 7	27.589	292	13.30	34	57.41	143	30.65	22
17	27.881	287	12.96	3	58.84	141	30.87	65
27	28.168	279	12.99	41	60.25	137	31.52	107
Okt. 7	28.447	268	13.40	77	61.62	132	32.59	147
17	28.715	252	14.17	109	62.94	122	34.06	184
27	28.967	232	15.26	138	64.16	111	35.90	219
Nov. 6	29.199	208	16.64	160	65.27	96	38.09	249
16	29.407	180	18.24	176	66.23	80	40.58	273
26	29.587	146	20.00	185	67.03	60	43.31	291
Dez. 6	29.733	109	21.85	188	67.63	40	46.22	300
15	29.842	69	23.73	183	68.03	17	49.22	302
25	29.911	26	25.56	173	68.20	6	52.24	292
35	29.937		27.29		68.14		55.16	
Mittl. Ort	24.781		31.48		48.31		39.86	
sec δ, tg δ	1.011		−0.145		5.318		+5.223	
a, *a'*	+2.9		+4.2		+9.9		+4.2	
b, *b'*	0.00		−0.98		+0.07		−0.98	

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Tag	193) α Aurigae AR.		193) α Aurigae Dekl.		196) ϑ Doradus AR.		196) ϑ Doradus Dekl.		201) γ Orionis AR.		201) γ Orionis Dekl.		202) β Tauri AR.		202) β Tauri Dekl.	
1935	$5^h 11^m$		+45° 56′		$5^h 13^m$		−67° 15′		$5^h 21^m$		+6° 17′		$5^h 22^m$		+28° 33′	
Jan. 0	56.105	15	11.89	132	51.57	27	31.92	310	40.871	23	36.47	91	13.450	33	22.64	37
10	56.120	48	13.21	119	51.30	36	35.02	273	40.894	21	35.56	80	13.483	19	23.01	34
20	56.072	107	14.40	102	50.94	44	37.75	229	40.873	63	34.76	70	13.464	66	23.35	30
30	55.965	158	15.42	79	50.50	51	40.04	179	40.810	101	34.06	58	13.398	110	23.65	22
Feb. 9	55.807	200	16.21	52	49.99	56	41.83	125	40.709	132	33.48	47	13.288	146	23.87	13
19	55.607	230	16.73	22	49.43	60	43.08	71	40.577	155	33.01	35	13.142	172	24.00	2
März 1	55.377	245	16.95	8	48.83	61	43.79	14	40.422	169	32.66	24	12.970	188	24.02	11
11	55.132	245	16.87	39	48.22	61	43.93	40	40.253	171	32.42	12	12.782	190	23.91	23
21	54.887	232	16.48	67	47.61	59	43.53	93	40.082	163	32.30	1	12.592	182	23.68	35
31	54.655	204	15.81	93	47.02	55	42.60	144	39.919	146	32.29	11	12.410	161	23.33	44
Apr. 10	54.451	164	14.88	114	46.47	49	41.16	189	39.773	119	32.40	24	12.249	131	22.89	51
20	54.287	115	13.74	130	45.98	43	39.27	232	39.654	86	32.64	37	12.118	93	22.38	55
30	54.172	59	12.44	139	45.55	35	36.95	268	39.568	48	33.01	50	12.025	48	21.83	56
Mai 10	54.113	2	11.05	145	45.20	27	34.27	298	39.520	6	33.51	64	11.977	2	21.27	54
20	54.115	63	9.60	144	44.93	17	31.29	320	39.514	38	34.15	77	11.975	48	20.73	48
30	54.178	124	8.16	139	44.76	7	28.09	336	39.552	80	34.92	89	12.023	97	20.25	42
Juni 9	54.302	182	6.77	128	44.69	3	24.73	341	39.632	122	35.81	99	12.120	143	19.83	32
19	54.484	235	5.49	116	44.72	12	21.32	340	39.754	160	36.80	107	12.263	186	19.51	22
29	54.719	283	4.33	99	44.84	22	17.92	328	39.914	194	37.87	110	12.449	224	19.29	12
Juli 9	55.002	323	3.34	81	45.06	30	14.64	307	40.108	223	38.97	112	12.673	257	19.17	2
19	55.325	357	2.53	62	45.36	39	11.57	276	40.331	247	40.09	109	12.930	284	19.15	7
29	55.682	383	1.91	42	45.75	45	8.81	238	40.578	267	41.18	101	13.214	306	19.22	15
Aug. 8	56.065	402	1.49	23	46.20	51	6.43	190	40.845	281	42.19	88	13.520	321	19.37	20
18	56.467	414	1.26	3	46.71	56	4.53	136	41.126	290	43.07	74	13.841	332	19.57	24
28	56.881	421	1.23	15	47.27	58	3.17	76	41.416	296	43.81	54	14.173	338	19.81	27
Sept. 7	57.302	421	1.38	32	47.85	60	2.41	12	41.712	298	44.35	33	14.511	340	20.08	26
17	57.723	417	1.70	49	48.45	59	2.29	53	42.010	294	44.68	9	14.851	336	20.34	26
27	58.140	407	2.19	64	49.04	56	2.82	117	42.304	289	44.77	15	15.187	331	20.60	24
Okt. 7	58.547	392	2.83	79	49.60	52	3.99	178	42.593	279	44.62	37	15.518	321	20.84	23
17	58.939	370	3.62	93	50.12	47	5.77	234	42.872	267	44.25	59	15.839	306	21.07	22
27	59.309	344	4.55	106	50.59	40	8.11	282	43.139	248	43.66	77	16.145	287	21.29	22
Nov. 6	59.653	312	5.61	117	50.99	31	10.93	320	43.387	227	42.89	92	16.432	262	21.51	23
16	59.965	271	6.78	128	51.30	22	14.13	346	43.614	200	41.97	101	16.694	233	21.74	25
26	60.236	224	8.06	136	51.52	11	17.59	361	43.814	168	40.96	107	16.927	198	21.99	28
Dez. 6	60.460	171	9.42	140	51.63	1	21.20	362	43.982	132	39.89	107	17.125	156	22.27	31
15	60.631	112	10.82	140	51.64	10	24.82	352	44.114	91	38.82	104	17.281	110	22.58	34
25	60.743	50	12.22	136	51.54	20	28.34	331	44.205	49	37.78	97	17.391	61	22.92	35
35	60.793		13.58		51.34		31.65		44.254		36.81		17.452		23.27	
Mittl. Ort	53.040		2.06		48.13		30.35		38.631		31.78		10.891		15.45	
sec δ, tg δ	1.438		+1.033		2.587		−2.386		1.006		+0.110		1.138		+0.544	
a, *a′*	+4.4		+4.2		−0.1		+4.0		+3.2		+3.3		+3.8		+3.3	
b, *b′*	+0.01		−0.98		−0.03		−0.98		0.00		−0.99		+0.01		−0.99	

Tag	203) 17 Camelop.				206) δ Orionis				207) α Leporis				205) Grb 966			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1935	$5^h 24^m$		+63° 0′		$5^h 28^m$		−0° 20′		$5^h 29^m$		−17° 51′		$5^h 31^m$		+75° 0′	
Jan. 0	5.92	0	66.27	222	43.293	24	41.26	128	53.925	5	61.33	215	8.58	4	26.33	274
10	5.92	9	68.49	204	43.317	20	42.54	115	53.930	39	63.48	193	8.54	21	29.07	253
20	5.83	18	70.53	178	43.297	62	43.69	100	53.891	83	65.41	166	8.33	36	31.60	224
30	5.65	26	72.31	145	43.235	100	44.69	82	53.808	121	67.07	137	7.97	50	33.84	187
Feb. 9	5.39	33	73.76	107	43.135	132	45.51	64	53.687	153	68.44	105	7.47	61	35.71	141
19	5.06	37	74.83	63	43.003	155	46.15	47	53.534	176	69.49	72	6.86	69	37.12	90
März 1	4.69	40	75.46	18	42.848	170	46.62	28	53.358	190	70.21	38	6.17	74	38.02	36
11	4.29	40	75.64	28	42.678	173	46.90	10	53.168	194	70.59	4	5.43	74	38.38	19
21	3.89	39	75.36	73	42.505	167	47.00	8	52.974	188	70.63	29	4.69	72	38.19	73
31	3.50	35	74.63	114	42.338	151	46.92	26	52.786	171	70.34	62	3.97	67	37.46	122
Apr. 10	3.15	29	73.49	149	42.187	126	46.66	44	52.615	147	69.72	93	3.30	57	36.24	168
20	2.86	22	72.00	180	42.061	93	46.22	62	52.468	115	68.79	123	2.73	46	34.56	205
30	2.64	14	70.20	201	41.968	57	45.60	79	52.353	77	67.56	150	2.27	32	32.51	235
Mai 10	2.50	6	68.19	217	41.911	16	44.81	95	52.276	36	66.06	173	1.95	18	30.16	256
20	2.44	4	66.02	224	41.895	26	43.86	111	52.240	7	64.33	194	1.77	3	27.60	269
30	2.48	12	63.78	225	41.921	69	42.75	124	52.247	50	62.39	210	1.74	13	24.91	274
Juni 9	2.60	22	61.53	218	41.990	110	41.51	133	52.297	93	60.29	221	1.87	28	22.17	270
19	2.82	29	59.35	206	42.100	147	40.18	141	52.390	133	58.08	226	2.15	43	19.47	259
29	3.11	37	57.29	189	42.247	182	38.77	143	52.523	169	55.82	225	2.58	56	16.88	241
Juli 9	3.48	44	55.40	166	42.429	212	37.34	141	52.692	203	53.57	216	3.14	68	14.47	218
19	3.92	49	53.74	142	42.641	237	35.93	135	52.895	229	51.41	202	3.82	78	12.29	191
29	4.41	54	52.32	114	42.878	257	34.58	122	53.124	253	49.39	180	4.60	87	10.38	158
Aug. 8	4.95	58	51.18	84	43.135	272	33.36	106	53.377	270	47.59	152	5.47	95	8.80	123
18	5.53	60	50.34	53	43.407	284	32.30	86	53.647	284	46.07	118	6.42	99	7.57	86
28	6.13	61	49.81	22	43.691	290	31.44	60	53.931	292	44.89	80	7.41	103	6.71	47
Sept. 7	6.74	62	49.59	10	43.981	293	30.84	32	54.223	296	44.09	36	8.44	106	6.24	8
17	7.36	63	49.69	41	44.274	291	30.52	3	54.519	294	43.73	9	9.50	105	6.16	33
27	7.99	61	50.10	73	44.565	286	30.49	28	54.813	289	43.82	54	10.55	104	6.49	72
Okt. 7	8.60	58	50.83	102	44.851	277	30.77	57	55.102	280	44.36	98	11.59	100	7.21	112
17	9.18	56	51.85	131	45.128	266	31.34	84	55.382	265	45.34	139	12.59	94	8.33	148
27	9.74	52	53.16	158	45.394	248	32.18	108	55.647	246	46.73	175	13.53	88	9.81	184
Nov. 6	10.26	46	54.74	181	45.642	226	33.26	126	55.893	221	48.48	203	14.41	78	11.65	215
16	10.72	40	56.55	203	45.868	201	34.52	140	56.114	192	50.51	225	15.19	67	13.80	242
26	11.12	33	58.58	217	46.069	169	35.92	146	56.306	159	52.76	237	15.86	53	16.22	263
Dez. 6	11.45	25	60.75	228	46.238	133	37.38	149	56.465	119	55.13	242	16.39	38	18.85	277
15	[13] 11.70	15	63.03	231	[14] 46.371	92	38.87	146	[14] 56.584	76	57.55	239	[15] 16.77	23	21.62	283
25	11.85	6	65.34	227	46.463	49	40.33	137	56.660	32	59.94	226	17.00	6	24.45	279
35	11.91		67.61		46.512		41.70		56.692		62.20		17.06		27.24	
Mittl. Ort	1.49		56.04		41.087		45.04		51.762		63.42		1.31		16.10	
sec δ, tg δ	2.204		+1.964		1.000		−0.006		1.051		−0.322		3.865		+3.733	
a, *a′*	+5.7		+3.1		+3.1		+2.7		+2.6		+2.6		+8.0		+2.5	
b, *b′*	+0.02		−0.99		0.00		−0.99		0.00		−0.99		+0.03		−0.99	

Tag	209) ι Orionis				210) ε Orionis				212) β Doradus				211) ζ Tauri			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1935	5h 32m		−5° 56′		5h 32m		−1° 14′		5h 33m		−62° 31′		5h 33m		+21° 6′	
	s		″		s		″		s		″		s		″	
Jan. 0	17.367	22	61.50	159	57.069	27	27.81	135	6.57	17	56.20	327	47.997	42	21.97	8
10	17.389	22	63.09	143	57.096	17	29.16	121	6.40	25	59.47	295	48.039	7	21.89	4
20	17.367	65	64.52	124	57.079	60	30.37	104	6.15	32	62.42	253	48.032	53	21.85	3
30	17.302	103	65.76	102	57.019	98	31.41	86	5.83	39	64.95	207	47.979	96	21.82	2
Feb. 9	17.199	134	66.78	79	56.921	131	32.27	68	5.44	44	67.02	155	47.883	132	21.80	4
19	17.065	159	67.57	57	56.790	155	32.95	48	5.00	48	68.57	102	47.751	158	21.76	7
März 1	16.906	173	68.14	33	56.635	169	33.43	30	4.52	50	69.59	47	47.593	175	21.69	11
11	16.733	178	68.47	9	56.466	174	33.73	11	4.02	50	70.06	8	47.418	180	21.58	16
21	16.555	171	68.56	14	56.292	168	33.84	8	3.52	49	69.98	62	47.238	173	21.42	19
31	16.384	156	68.42	37	56.124	153	33.76	27	3.03	46	69.36	113	47.065	156	21.23	22
Apr. 10	16.228	132	68.05	60	55.971	129	33.49	46	2.57	42	68.23	162	46.909	130	21.01	23
20	16.096	101	67.45	81	55.842	97	33.03	64	2.15	37	66.61	206	46.779	96	20.78	22
30	15.995	63	66.64	102	55.745	60	32.39	82	1.78	31	64.55	244	46.683	56	20.56	19
Mai 10	15.932	24	65.62	121	55.685	20	31.57	98	1.47	24	62.11	279	46.627	11	20.37	14
20	15.908	18	64.41	138	55.665	22	30.59	114	1.23	15	59.32	305	46.616	35	20.23	8
30	15.926	61	63.03	152	55.687	64	29.45	127	1.08	8	56.27	324	46.651	79	20.15	1
Juni 9	15.987	102	61.51	162	55.751	105	28.18	137	1.00	0	53.03	335	46.730	124	20.16	8
19	16.089	139	59.89	169	55.856	143	26.81	144	1.00	9	49.68	337	46.854	165	20.24	17
29	16.228	175	58.20	170	55.999	177	25.37	147	1.09	17	46.31	331	47.019	201	20.41	25
Juli 9	16.403	205	56.50	166	56.176	208	23.90	144	1.26	24	43.00	314	47.220	232	20.66	30
19	16.608	231	54.84	157	56.384	233	22.46	137	1.50	31	39.86	287	47.452	260	20.96	35
29	16.839	252	53.27	142	56.617	254	21.09	125	1.81	38	36.99	253	47.712	281	21.31	37
Aug. 8	17.091	268	51.85	122	56.871	270	19.84	108	2.19	42	34.46	208	47.993	297	21.68	36
18	17.359	281	50.63	96	57.141	282	18.76	87	2.61	46	32.38	157	48.290	309	22.04	33
28	17.640	287	49.67	67	57.423	289	17.89	60	3.07	50	30.81	100	48.599	316	22.37	28
Sept. 7	17.927	291	49.00	33	57.712	292	17.29	32	3.57	51	29.81	36	48.915	319	22.65	21
17	18.218	290	48.67	1	58.004	291	16.97	1	4.08	51	29.45	28	49.234	319	22.86	13
27	18.508	286	48.68	37	58.295	287	16.96	29	4.59	49	29.73	93	49.553	315	22.99	3
Okt. 7	18.794	277	49.05	71	58.582	279	17.25	60	5.08	48	30.66	156	49.868	307	23.02	6
17	19.071	265	49.76	103	58.861	267	17.85	88	5.56	43	32.22	215	50.175	294	22.96	12
27	19.336	248	50.79	131	59.128	250	18.73	113	5.99	38	34.37	266	50.469	279	22.84	18
Nov. 6	19.584	226	52.10	153	59.378	230	19.86	131	6.37	32	37.03	308	50.748	257	22.66	22
16	19.810	200	53.63	169	59.608	203	21.17	146	6.69	24	40.11	340	51.005	230	22.44	24
26	20.010	168	55.32	179	59.811	172	22.63	153	6.93	15	43.51	359	51.235	197	22.20	22
Dez. 6	20.178	131	57.11	181	59.983	136	24.16	155	7.08	7	47.10	366	51.432	159	21.98	20
15	20.309	91	58.92	178	60.119	96	25.71	151	7.15	2	50.76	361	51.591	116	21.78	16
25	20.400	48	60.70	169	60.215	52	27.22	144	7.13	11	54.37	344	51.707	69	21.62	12
35	20.448		62.39		60.267		28.66		7.02		57.81		51.776		21.50	
Mittl. Ort	15.183		64.67		54.861		31.42		3.50		55.80		45.549		16.22	
sec δ, tg δ	1.005		−0.104		1.000		−0.022		2.168		−1.924		1.072		+0.386	
a, *a′*	+2.9		+2.4		+3.0		+2.4		+0.5		+2.4		+3.6		+2.3	
b, *b′*	0.00		−0.99		0.00		−0.99		−0.02		−0.99		0.00		−0.99	

Tag	215) α Columbae AR.		Dekl.		216) ο Aurigae AR.		Dekl.	
1935	5h 37m		−34° 6′		5h 40m		+49° 47′	
	s		″		s		″	
Jan. 0	19.897	19	27.54	281	55.191	51	67.42	158
10	19.878	69	30.35	253	55.242	19	69.00	149
20	19.809	116	32.88	220	55.223	87	70.49	134
30	19.693	160	35.08	182	55.136	148	71.83	114
Feb. 9	19.533	194	36.90	140	54.988	200	72.97	87
19	19.339	220	38.30	96	54.788	238	73.84	56
März 1	19.119	236	39.26	51	54.550	262	74.40	24
11	18.883	241	39.77	5	54.288	271	74.64	10
21	18.642	235	39.82	39	54.017	264	74.54	44
31	18.407	219	39.43	82	53.753	241	74.10	74
Apr. 10	18.188	194	38.61	123	53.512	205	73.36	103
20	17.994	160	37.38	162	53.307	158	72.33	125
30	17.834	120	35.76	195	53.149	102	71.08	143
Mai 10	17.714	76	33.81	226	53.047	41	69.65	154
20	17.638	29	31.55	251	53.006	23	68.11	162
30	17.609	19	29.04	268	53.029	87	66.49	161
Juni 9	17.628	68	26.36	281	53.116	150	64.88	158
19	17.696	113	23.55	285	53.266	209	63.30	149
29	17.809	156	20.70	282	53.475	262	61.81	138
Juli 9	17.965	195	17.88	271	53.737	309	60.43	122
19	18.160	230	15.17	251	54.046	349	59.21	105
29	18.390	259	12.66	223	54.395	383	58.16	86
Aug. 8	18.649	284	10.43	186	54.778	410	57.30	67
18	18.933	302	8.57	145	55.188	429	56.63	47
28	19.235	314	7.12	95	55.617	443	56.16	26
Sept. 7	19.549	322	6.17	42	56.060	450	55.90	5
17	19.871	322	5.75	14	56.510	451	55.85	13
27	20.193	317	5.89	70	56.961	446	55.98	34
Okt. 7	20.510	306	6.59	125	57.407	437	56.32	54
17	20.816	289	7.84	175	57.844	420	56.86	73
27	21.105	265	9.59	221	58.264	396	57.59	92
Nov. 6	21.370	236	11.80	258	58.660	365	58.51	110
16	21.606	200	14.38	286	59.025	325	59.61	126
26	21.806	159	17.24	303	59.350	278	60.87	140
Dez. 6	21.965	114	20.27	311	59.628	221	62.27	151
16	22.079	64	23.38	307	59.849	158	63.78	158
25	16 22.143	12	26.45	294	17 60.007	91	65.36	159
35	22.155		29.39		60.098		66.95	
Mittl. Ort	17.646		28.53		51.804		59.73	
sec δ, tg δ	1.208		−0.677		1.549		+1.183	
a, *a′*	+2.2		+2.0		+4.6		+1.7	
b, *b′*	0.00		−1.00		+0.01		−1.00	

Tag	219) ζ Leporis AR.		Dekl.		220) ϰ Orionis AR.		Dekl.	
1935	5h 44m		−14° 50′		5h 44m		−9° 41′	
	s		″		s		″	
Jan. 0	2.755	23	39.36	208	42.585	30	26.35	183
10	2.778	23	41.44	188	42.615	16	28.18	166
20	2.755	68	43.32	164	42.599	60	29.84	143
30	2.687	107	44.96	136	42.539	100	31.27	120
Feb. 9	2.580	141	46.32	107	42.439	133	32.47	94
19	2.439	167	47.39	76	42.306	159	33.41	68
März 1	2.272	182	48.15	45	42.147	175	34.09	40
11	2.090	190	48.60	13	41.972	182	34.49	14
21	1.900	184	48.73	18	41.790	177	34.63	13
31	1.716	171	48.55	48	41.613	165	34.50	40
Apr. 10	1.545	149	48.07	77	41.448	141	34.10	64
20	1.396	119	47.30	106	41.307	112	33.46	90
30	1.277	83	46.24	131	41.195	77	32.56	112
Mai 10	1.194	43	44.93	155	41.118	37	31.44	132
20	1.151	1	43.38	174	41.081	4	30.12	152
30	1.150	41	41.64	191	41.085	46	28.60	166
Juni 9	1.191	82	39.73	202	41.131	87	26.94	177
19	1.273	122	37.71	209	41.218	125	25.17	183
29	1.395	158	35.62	209	41.343	161	23.34	185
Juli 9	1.553	191	33.53	203	41.504	193	21.49	181
19	1.744	219	31.50	190	41.697	220	19.68	170
29	1.963	243	29.60	172	41.917	243	17.98	154
Aug. 8	2.206	262	27.88	145	42.160	261	16.44	131
18	2.468	277	26.43	115	42.421	276	15.13	104
28	2.745	286	25.28	79	42.697	284	14.09	72
Sept. 7	3.031	292	24.49	38	42.981	290	13.37	36
17	3.323	294	24.11	4	43.271	292	13.01	3
27	3.617	290	24.15	47	43.563	288	13.04	41
Okt. 7	3.907	284	24.62	89	43.851	282	13.45	80
17	4.191	271	25.51	128	44.133	272	14.25	114
27	4.462	255	26.79	164	44.405	255	15.39	146
Nov. 6	4.717	234	28.43	191	44.660	235	16.85	171
16	4.951	206	30.34	213	44.895	208	18.56	189
26	5.157	173	32.47	226	45.103	177	20.45	201
Dez. 6	5.330	136	34.73	232	45.280	141	22.46	206
16	5.466	94	37.05	228	45.421	99	24.52	202
25	18 5.560	49	39.33	219	18 45.520	56	26.54	193
35	5.609		41.52		45.576		28.47	
Mittl. Ort	0.576		41.71		40.397		29.06	
sec δ, tg δ	1.035		−0.265		1.014		−0.171	
a, *a′*	+2.7		+1.4		+2.8		+1.3	
b, *b′*	0.00		−1.00		0.00		−1.00	

Scheinbare Sternörter 1935

Tag	224) α Orionis				225) δ Aurigae				227) β Aurigae				228) ϑ Aurigae			
	AR.	Δ	Dekl.	Δ	AR.	Δ	Dekl.	Δ	AR.	Δ	Dekl.	Δ	AR.	Δ	Dekl.	Δ
1935	$5^h 51^m$		$+7° 23'$		$5^h 54^m$		$+54° 16'$		$5^h 54^m$		$+44° 56'$		$5^h 55^m$		$+37° 12'$	
	s		"		s		"		s		"		s		"	
Jan. 0	41.439	52	51.31	92	14.224	70	62.20	182	48.845	71	40.26	131	20.222	71	41.06	86
10	41.491	5	50.39	81	14.294	9	64.02	175	48.916	5	41.57	128	20.293	11	41.92	86
20	41.496	41	49.58	69	14.285	85	65.77	160	48.921	59	42.85	118	20.304	46	42.78	80
30	41.455	82	48.89	57	14.200	154	67.37	139	48.862	117	44.03	103	20.258	98	43.58	71
Feb. 9	41.373	118	48.32	45	14.046	214	68.76	111	48.745	167	45.06	82	20.160	143	44.29	58
19	41.255	146	47.87	34	13.832	260	69.87	78	48.578	206	45.88	58	20.017	179	44.87	39
März 1	41.109	164	47.53	23	13.572	290	70.65	42	48.372	233	46.46	31	19.838	202	45.26	20
11	40.945	172	47.30	12	13.282	303	71.07	5	48.139	243	46.77	2	19.636	213	45.46	1
21	40.773	169	47.18	2	12.979	299	71.12	34	47.896	240	46.79	27	19.423	210	45.45	22
31	40.604	156	47.16	8	12.680	278	70.78	69	47.656	223	46.52	55	19.213	194	45.23	42
Apr. 10	40.448	134	47.24	19	12.402	242	70.09	103	47.433	193	45.97	79	19.019	167	44.81	60
20	40.314	104	47.43	30	12.160	194	69.06	130	47.240	151	45.18	100	18.852	131	44.21	74
30	40.210	69	47.73	41	11.966	135	67.76	153	47.089	104	44.18	117	18.721	88	43.47	85
Mai 10	40.141	29	48.14	53	11.831	71	66.23	170	46.985	48	43.01	128	18.633	38	42.62	92
20	40.112	12	48.67	64	11.760	1	64.53	180	46.937	9	41.73	135	18.595	14	41.70	96
30	40.124	55	49.31	75	11.759	69	62.73	185	46.946	68	40.38	137	18.609	65	40.74	95
Juni 9	40.179	95	50.06	83	11.828	137	60.88	185	47.014	124	39.01	135	18.674	116	39.79	92
19	40.274	134	50.89	91	11.965	203	59.03	178	47.138	178	37.66	128	18.790	165	38.87	85
29	40.408	169	51.80	94	12.168	262	57.25	168	47.316	227	36.38	120	18.955	207	38.02	78
Juli 9	40.577	200	52.74	95	12.430	317	55.57	154	47.543	272	35.18	108	19.162	247	37.24	68
19	40.777	227	53.69	92	12.747	364	54.03	137	47.815	310	34.10	95	19.409	281	36.56	59
29	41.004	249	54.61	85	13.111	403	52.66	118	48.125	341	33.15	81	19.690	308	35.97	48
Aug. 8	41.253	267	55.46	74	13.514	435	51.48	97	48.466	368	32.34	66	19.998	332	35.49	39
18	41.520	280	56.20	60	13.949	461	50.51	75	48.834	387	31.68	50	20.330	348	35.10	29
28	41.800	290	56.80	42	14.410	479	49.76	51	49.221	402	31.18	35	20.678	361	34.81	20
Sept. 7	42.090	296	57.22	22	14.889	490	49.25	29	49.623	411	30.83	19	21.039	369	34.61	12
17	42.386	299	57.44	1	15.379	495	48.96	4	50.034	415	30.64	4	21.408	372	34.49	5
27	42.685	296	57.43	24	15.874	494	48.92	20	50.449	413	30.60	11	21.780	371	34.44	4
Okt. 7	42.981	292	57.19	46	16.368	486	49.12	44	50.862	408	30.71	27	22.151	366	34.48	11
17	43.273	283	56.73	66	16.854	469	49.56	69	51.270	395	30.98	43	22.517	356	34.59	20
27	43.556	270	56.07	84	17.323	446	50.25	92	51.665	377	31.41	59	22.873	340	34.79	30
Nov. 6	43.826	251	55.23	97	17.769	413	51.17	114	52.042	351	32.00	74	23.213	318	35.09	39
16	44.077	227	54.26	107	18.182	371	52.31	136	52.393	317	32.74	91	23.531	288	35.48	50
26	44.304	197	53.19	111	18.553	319	53.67	153	52.710	275	33.65	104	23.819	252	35.98	61
Dez. 6	44.501	162	52.08	111	18.872	258	55.20	169	52.985	226	34.69	117	24.071	207	36.59	70
16	44.663	122	50.97	107	19.130	189	56.89	178	53.211	169	35.86	125	24.278	158	37.29	78
25	44.785	77	49.90	99	19.319	114	58.67	181	53.380	107	37.11	130	24.436	102	38.07	84
35	44.862		48.91		19.433		60.48		53.487		38.41		24.538		38.91	
Mittl. Ort	39.139		47.53		10.492		55.46		45.664		34.13		17.343		35.46	
sec δ, tg δ	1.008		+0.130		1.713		+1.391		1.413		+0.998		1.256		+0.759	
a, *a'*	+3.2		+0.7		+4.9		+0.5		+4.4		+0.5		+4.1		+0.4	
b, *b'*	0.00		−1.00		0.00		−1.00		0.00		−1.00		0.00		−1.00	

Tag	229) η Columbae AR.		229) η Columbae Dekl.		232) ν Orionis AR.		232) ν Orionis Dekl.		236) η Geminorum AR.		236) η Geminorum Dekl.		234) 22 H. Camelop. AR.		234) 22 H. Camelop. Dekl.	
1935	$5^h 57^m$		$-42° 48'$		$6^h 3^m$		$+14° 46'$		$6^h 10^m$		$+22° 31'$		$6^h 11^m$		$+69° 20'$	
	s		"		s		"		s		"		s		"	
Jan. 0	11.800	18	64.23	316	54.067	68	43.34	51	59.807	80	42.17	5	47.09	11	50.79	254
10	11.782	78	67.39	291	54.135	19	42.83	43	59.887	28	42.12	2	47.20	3	53.33	247
20	11.704	131	70.30	258	54.154	29	42.40	33	59.915	22	42.14	7	47.17	15	55.80	230
30	11.573	182	72.88	218	54.125	73	42.07	26	59.893	71	42.21	10	47.02	26	58.10	204
Feb. 9	11.391	222	75.06	173	54.052	112	41.81	20	59.822	111	42.31	11	46.76	37	60.14	169
19	11.169	254	76.79	126	53.940	142	41.61	14	59.711	145	42.42	9	46.39	44	61.83	128
März 1	10.915	275	78.05	77	53.798	163	41.47	11	59.566	168	42.51	4	45.95	49	63.11	81
11	10.640	283	78.82	28	53.635	174	41.36	8	59.398	180	42.55	0	45.46	54	63.92	32
21	10.357	282	79.10	22	53.461	172	41.28	5	59.218	181	42.55	5	44.92	54	64.24	20
31	10.075	267	78.88	69	53.289	162	41.23	3	59.037	170	42.50	11	44.38	50	64.04	68
Apr. 10	9.808	244	78.19	115	53.127	140	41.20	1	58.867	149	42.39	16	43.88	46	63.36	114
20	9.564	211	77.04	158	52.987	111	41.21	5	58.718	119	42.23	19	43.42	39	62.22	154
30	9.353	170	75.46	196	52.876	76	41.26	11	58.599	84	42.04	20	43.03	30	60.68	190
Mai 10	9.183	124	73.50	231	52.800	37	41.37	16	58.515	43	41.84	20	42.73	21	58.78	217
20	9.059	75	71.19	260	52.763	5	41.53	24	58.472	1	41.64	17	42.52	9	56.61	238
30	8.984	23	68.59	282	52.768	48	41.77	30	58.473	45	41.47	14	42.43	1	54.23	250
Juni 9	8.961	30	65.77	298	52.816	90	42.07	38	58.518	88	41.33	9	42.44	12	51.73	256
19	8.991	81	62.79	304	52.906	129	42.45	43	58.606	129	41.24	5	42.56	24	49.17	254
29	9.072	130	59.75	304	53.035	166	42.88	48	58.735	168	41.19	0	42.80	33	46.63	246
Juli 9	9.202	177	56.71	294	53.201	198	43.36	50	58.903	202	41.19	4	43.13	43	44.17	233
19	9.379	220	53.77	275	53.399	226	43.86	50	59.105	232	41.23	6	43.56	51	41.84	213
29	9.599	256	51.02	247	53.625	250	44.36	47	59.337	257	41.29	8	44.07	59	39.71	191
Aug. 8	9.855	289	48.55	211	53.875	269	44.83	42	59.594	278	41.37	6	44.66	65	37.80	164
18	10.144	314	46.44	167	54.144	284	45.25	32	59.872	295	41.43	3	45.31	70	36.16	134
28	10.458	333	44.77	116	54.428	296	45.57	21	60.167	307	41.46	1	46.01	75	34.82	103
Sept. 7	10.791	347	43.61	59	54.724	303	45.78	8	60.474	317	41.45	8	46.76	77	33.79	68
17	11.138	353	43.02	0	55.027	307	45.86	8	60.791	322	41.37	15	47.53	78	33.11	33
27	11.491	351	43.02	61	55.334	308	45.78	23	61.113	323	41.22	22	48.31	79	32.78	3
Okt. 7	11.842	342	43.63	120	55.642	306	45.55	38	61.436	322	41.00	29	49.10	78	32.81	40
17	12.184	326	44.83	178	55.948	298	45.17	51	61.758	316	40.71	35	49.88	76	33.21	78
27	12.510	302	46.61	228	56.246	286	44.66	62	62.074	304	40.36	38	50.64	72	33.99	113
Nov. 6	12.812	269	48.89	271	56.532	269	44.04	69	62.378	288	39.98	39	51.36	67	35.12	148
16	13.081	230	51.60	305	56.801	246	43.35	74	62.666	265	39.59	37	52.03	60	36.60	180
26	13.311	184	54.65	328	57.047	217	42.61	74	62.931	234	39.22	33	52.63	52	38.40	207
Dez. 6	13.495	132	57.93	340	57.264	181	41.87	71	63.165	199	38.89	27	53.15	41	40.47	230
16	13.627	76	61.33	341	57.445	141	41.16	65	63.364	155	38.62	19	53.56	30	42.77	246
25	13.703	16	64.74	329	57.586	94	40.51	58	63.519	108	38.43	11	53.86	18	45.23	253
35	13.719		68.03		57.680		39.93		63.627		38.32		54.04		47.76	
Mittl. Ort	9.426		65.42		51.663		39.62		57.269		38.47		41.27		45.18	
sec δ, tg δ	1.363		−0.927		1.034		+0.264		1.083		+0.415		2.835		+2.653	
a, *a'*	+1.8		+0.2		+3.4		−0.3		+3.6		−1.0		+6.6		−1.0	
b, *b'*	0.00		−1.00		0.00		−1.00		0.00		−1.00		−0.01		−1.00	

Tag	240) ζ Canis maj. AR.		240) ζ Canis maj. Dekl.		241) μ Geminorum AR.		241) μ Geminorum Dekl.		243) β Canis maj. AR.		243) β Canis maj. Dekl.		242) ψ¹ Aurigae AR.		242) ψ¹ Aurigae Dekl.	
1935	6h 17m		−30° 1′		6h 19m		+22° 32′		6h 19m		−17° 55′		6h 19m		+49° 19′	
Jan. 0	51.259	34	58.16	288	4.286	88	58.45	7	52.404	54	18.41	237	57.140	108	27.75	154
10	51.293	18	61.04	267	4.374	37	58.38	1	52.458	5	20.78	220	57.248	34	29.29	155
20	51.275	69	63.71	240	4.411	15	58.39	7	52.463	43	22.98	195	57.282	36	30.84	148
30	51.206	115	66.11	206	4.396	64	58.46	11	52.420	87	24.93	167	57.246	104	32.32	134
Feb. 9	51.091	156	68.17	168	4.332	106	58.57	13	52.333	126	26.60	137	57.142	163	33.66	115
19	50.935	188	69.85	129	4.226	140	58.70	11	52.207	158	27.97	104	56.979	211	34.81	90
März 1	50.747	210	71.14	87	4.086	166	58.81	7	52.049	179	29.01	70	56.768	244	35.71	60
11	50.537	222	72.01	45	3.920	178	58.88	3	51.870	190	29.71	36	56.524	264	36.31	28
21	50.315	224	72.46	2	3.742	181	58.91	2	51.680	193	30.07	3	56.260	266	36.59	5
31	50.091	216	72.48	39	3.561	171	58.89	9	51.487	185	30.10	30	55.994	256	36.54	37
Apr. 10	49.875	196	72.09	80	3.390	152	58.80	13	51.302	167	29.80	63	55.738	228	36.17	69
20	49.679	171	71.29	118	3.238	124	58.67	17	51.135	142	29.17	93	55.510	190	35.48	95
30	49.508	137	70.11	153	3.114	89	58.50	19	50.993	111	28.24	121	55.320	142	34.53	119
Mai 10	49.371	98	68.58	185	3.025	49	58.31	19	50.882	74	27.03	147	55.178	88	33.34	137
20	49.273	57	66.73	212	2.976	6	58.12	18	50.808	35	25.56	170	55.090	28	31.97	150
30	49.216	13	64.61	234	2.970	37	57.94	14	50.773	5	23.86	189	55.062	34	30.47	159
Juni 9	49.203	31	62.27	251	3.007	81	57.80	12	50.778	46	21.97	202	55.096	93	28.88	161
19	49.234	75	59.76	261	3.088	122	57.68	7	50.824	86	19.95	212	55.189	152	27.27	161
29	49.309	116	57.15	263	3.210	160	57.61	4	50.910	123	17.83	214	55.341	208	25.66	156
Juli 9	49.425	155	54.52	257	3.370	195	57.57	0	51.033	158	15.69	211	55.549	257	24.10	147
19	49.580	190	51.95	245	3.565	225	57.57	2	51.191	189	13.58	200	55.806	301	22.63	136
29	49.770	222	49.50	223	3.790	251	57.59	2	51.380	217	11.58	181	56.107	339	21.27	122
Aug. 8	49.992	250	47.27	193	4.041	272	57.61	0	51.597	240	9.77	159	56.446	372	20.05	108
18	50.242	272	45.34	156	4.313	291	57.61	2	51.837	260	8.18	128	56.818	399	18.97	92
28	50.514	290	43.78	113	4.604	304	57.59	8	52.097	275	6.90	91	57.217	419	18.05	74
Sept. 7	50.804	304	42.65	64	4.908	315	57.51	14	52.372	287	5.99	50	57.636	435	17.31	56
17	51.108	312	42.01	12	5.223	321	57.37	21	52.659	295	5.49	6	58.071	445	16.75	38
27	51.420	316	41.89	42	5.544	325	57.16	29	52.954	298	5.43	40	58.516	449	16.37	18
Okt. 7	51.736	313	42.31	97	5.869	324	56.87	35	53.252	297	5.83	86	58.965	447	16.19	2
17	52.049	304	43.28	148	6.193	319	56.52	41	53.549	290	6.69	129	59.412	439	16.21	24
27	52.353	289	44.76	194	6.512	309	56.11	44	53.839	278	7.98	167	59.851	424	16.45	45
Nov. 6	52.642	268	46.70	236	6.821	293	55.67	45	54.117	261	9.65	201	60.275	401	16.90	66
16	52.910	239	49.06	267	7.114	272	55.22	42	54.378	236	11.66	227	60.676	368	17.56	88
26	53.149	203	51.73	290	7.386	242	54.80	38	54.614	206	13.93	245	61.044	325	18.44	109
Dez. 6	53.352	162	54.63	303	7.628	207	54.42	31	54.820	170	16.38	254	61.369	274	19.53	126
16	53.514	115	57.66	305	7.835	164	54.11	22	54.990	127	18.92	255	61.643	214	20.79	140
26	53.629	66	60.71	298	7.999	116	53.89	13	55.117	81	21.47	247	61.857	147	22.19	151
35	[26] 53.695		63.69		[27] 8.115		53.76		[27] 55.198		23.94		[27] 62.004		23.70	
Mittl. Ort	49.026		60.14		1.739		55.23		50.207		20.58		53.668		23.70	
sec δ, tg δ	1.155		−0.578		1.083		+0.415		1.051		−0.323		1.534		+1.164	
a, *a′*	+2.3		−1.6		+3.6		−1.7		+2.6		−1.7		+4.6		−1.7	
b, *b′*	0.00		−1.00		0.00		−1.00		0.00		−1.00		−0.01		−1.00	

Tag	244) 8 Monocerotis AR.	Δ	Dekl.	Δ	245) α Argus AR.	Δ	Dekl.	Δ
1935	6h 20m		+4° 37′		6h 22m		−52° 39′	
	s		″		s		″	
Jan. 0	21.751	76	40.81	117	33.055	16	32.49	351
10	21.827	29	39.64	103	33.039	88	36.00	329
20	21.856	20	38.61	89	32.951	156	39.29	298
30	21.836	63	37.72	73	32.795	217	42.27	259
Feb. 9	21.773	103	36.99	57	32.578	269	44.86	215
19	21.670	134	36.42	43	32.309	310	47.01	167
März 1	21.536	156	35.99	28	31.999	340	48.68	117
11	21.380	169	35.71	15	31.659	355	49.85	64
21	21.211	171	35.56	2	31.304	359	50.49	11
31	21.040	163	35.54	11	30.945	350	50.60	40
Apr. 10	20.877	145	35.65	24	30.595	327	50.20	91
20	20.732	119	35.89	36	30.268	295	49.29	138
30	20.613	88	36.25	49	29.973	254	47.91	181
Mai 10	20.525	52	36.74	61	29.719	206	46.10	222
20	20.473	12	37.35	72	29.513	151	43.88	255
30	20.461	27	38.07	82	29.362	93	41.33	283
Juni 9	20.488	67	38.89	90	29.269	32	38.50	304
19	20.555	105	39.79	97	29.237	28	35.46	315
29	20.660	141	40.76	100	29.265	89	32.31	319
Juli 9	20.801	173	41.76	99	29.354	148	29.12	313
19	20.974	201	42.75	96	29.502	202	25.99	299
29	21.175	226	43.71	87	29.704	253	23.00	273
Aug. 8	21.401	247	44.58	75	29.957	298	20.27	239
18	21.648	264	45.33	58	30.255	337	17.88	196
28	21.912	277	45.91	38	30.592	368	15.92	145
Sept. 7	22.189	288	46.29	16	30.960	392	14.47	88
17	22.477	294	46.45	10	31.352	406	13.59	26
27	22.771	297	46.35	35	31.758	412	13.33	38
Okt. 7	23.068	297	46.00	60	32.170	407	13.71	102
17	23.365	292	45.40	84	32.577	393	14.73	164
27	23.657	283	44.56	104	32.970	366	16.37	221
Nov. 6	23.940	267	43.52	120	33.336	331	18.58	271
16	24.207	247	42.32	130	33.667	284	21.29	311
26	24.454	220	41.02	137	33.951	230	24.40	341
Dez. 6	24.674	186	39.65	138	34.181	167	27.81	360
16	24.860	146	38.27	133	34.348	99	31.41	366
26	25.006	103	36.94	124	34.447	27	35.07	361
35	27 25.109		35.70		28 34.474		38.68	
Mittl. Ort	19.450		38.18		30.460		34.57	
sec δ, tg δ	1.003		+0.081		1.649		−1.311	
a, *a′*	+3.2		−1.8		+1.3		−2.0	
b, *b′*	0.00		−1.00		+0.01		−1.00	

Tag	246) 10 Monocerotis AR.	Δ	Dekl.	Δ	247) 8 Lyncis AR.	Δ	Dekl.	Δ
1935	6h 24m		−4° 43′		6h 31m		+61° 32′	
	s		″		s		″	
Jan. 0	47.228	72	11.70	172	49.85	14	30.18	216
10	47.300	25	13.42	156	49.99	4	32.34	217
20	47.325	22	14.98	137	50.03	6	34.51	207
30	47.303	67	16.35	117	49.97	14	36.58	189
Feb. 9	47.236	105	17.52	94	49.83	23	38.47	164
19	47.131	138	18.46	70	49.60	30	40.11	131
März 1	46.993	160	19.16	48	49.30	34	41.42	92
11	46.833	172	19.64	26	48.96	37	42.34	50
21	46.661	175	19.90	3	48.59	39	42.84	6
31	46.486	168	19.93	18	48.20	37	42.90	37
Apr. 10	46.318	151	19.75	40	47.83	34	42.53	79
20	46.167	127	19.35	60	47.49	29	41.74	118
30	46.040	96	18.75	79	47.20	24	40.56	150
Mai 10	45.944	61	17.96	98	46.96	16	39.06	178
20	45.883	23	16.98	113	46.80	9	37.28	200
30	45.860	16	15.85	128	46.71	0	35.28	214
Juni 9	45.876	56	14.57	138	46.71	7	33.14	223
19	45.932	93	13.19	146	46.78	16	30.91	225
29	46.025	129	11.73	150	46.94	23	28.66	223
Juli 9	46.154	162	10.23	147	47.17	30	26.43	213
19	46.316	190	8.76	140	47.47	37	24.30	202
29	46.506	216	7.36	128	47.84	42	22.28	184
Aug. 8	46.722	238	6.08	111	48.26	47	20.44	164
18	46.960	256	4.97	88	48.73	51	18.80	142
28	47.216	271	4.09	61	49.24	54	17.38	117
Sept. 7	47.487	282	3.48	31	49.78	57	16.21	90
17	47.769	289	3.17	4	50.35	59	15.31	62
27	48.058	293	3.21	38	50.94	60	14.69	31
Okt. 7	48.351	294	3.59	71	51.54	59	14.38	0
17	48.645	289	4.30	104	52.13	59	14.38	32
27	48.934	279	5.34	133	52.72	57	14.70	64
Nov. 6	49.213	265	6.67	157	53.29	54	15.34	96
16	49.478	243	8.24	174	53.83	49	16.30	127
26	49.721	216	9.98	186	54.32	43	17.57	155
Dez. 6	49.937	182	11.84	190	54.75	37	19.12	180
16	50.119	143	13.74	188	55.12	28	20.92	199
26	50.262	99	15.62	180	55.40	20	22.91	211
35	28 50.361		17.42		30 55.60		25.02	
Mittl. Ort	44.994		14.03		45.29		26.98	
sec δ, tg δ	1.003		−0.083		2.099		+1.845	
a, *a′*	+3.0		−2.2		+5.5		−2.8	
b, *b′*	0.00		−0.99		−0.02		−0.99	

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Tag	249) ξ² Canis maj. AR.	Diff.	Dekl.	Diff.	251) γ Geminorum AR.	Diff.	Dekl.	Diff.
1935	6h 32m		−22° 54′		6h 33m		+16° 27′	
Jan. 0	22.099	60	41.60	265	59.917	99	25.04	49
10	22.159	10	44.25	247	60.016	48	24.55	37
20	22.169	40	46.72	222	60.064	2	24.18	27
30	22.129	86	48.94	194	60.062	50	23.91	17
Feb. 9	22.043	128	50.88	160	60.012	93	23.74	10
19	21.915	160	52.48	124	59.919	128	23.64	5
März 1	21.755	185	53.72	88	59.791	154	23.59	1
11	21.570	199	54.60	50	59.637	170	23.58	1
21	21.371	203	55.10	13	59.467	174	23.59	2
31	21.168	196	55.23	24	59.293	167	23.61	2
Apr. 10	20.972	181	54.99	60	59.126	152	23.63	3
20	20.791	158	54.39	94	58.974	127	23.66	4
30	20.633	127	53.45	126	58.847	95	23.70	6
Mai 10	20.506	92	52.19	155	58.752	58	23.76	9
20	20.414	54	50.64	181	58.694	19	23.85	13
30	20.360	13	48.83	202	58.675	22	23.98	17
Juni 9	20.347	29	46.81	218	58.697	63	24.15	21
19	20.376	68	44.63	228	58.760	102	24.36	24
29	20.444	108	42.35	232	58.862	139	24.60	28
Juli 9	20.552	144	40.03	230	59.001	173	24.88	28
19	20.696	177	37.73	219	59.174	203	25.16	27
29	20.873	207	35.54	201	59.377	229	25.43	24
Aug. 8	21.080	233	33.53	176	59.606	251	25.67	19
18	21.313	255	31.77	143	59.857	271	25.86	10
28	21.568	274	30.34	106	60.128	285	25.96	0
Sept. 7	21.842	288	29.28	61	60.413	298	25.96	13
17	22.130	298	28.67	14	60.711	306	25.83	26
27	22.428	304	28.53	35	61.017	312	25.57	40
Okt. 7	22.732	305	28.88	85	61.329	314	25.17	53
17	23.037	299	29.73	132	61.643	312	24.64	64
27	23.336	290	31.05	176	61.955	304	24.00	73
Nov. 6	23.626	272	32.81	213	62.259	292	23.27	79
16	23.898	247	34.94	244	62.551	271	22.48	81
26	24.145	218	37.38	264	62.822	246	21.67	79
Dez. 6	24.363	179	40.02	277	63.068	211	20.88	75
16	24.542	137	42.79	280	63.279	172	20.13	66
26	24.679	89	45.59	274	63.451	126	19.47	55
35	[30] 24.768		48.33		[31] 63.577		18.92	
Mittl. Ort	19.899		43.78		57.466		22.80	
sec δ, tg δ	1.086		−0.423		1.043		+0.295	
a, *a′*	+2.5		−2.8		+3.5		−3.0	
b, *b′*	0.00		−0.99		0.00		−0.99	

Tag	250) 51 Aurigae AR.	Diff.	Dekl.	Diff.	248) 23 H. Camelop. AR.	Diff.	Dekl.	Diff.
1935	6h 34m		+39° 26′		6h 35m		+79° 38′	
Jan. 0	12.421	118	62.54	95	21.41	23	25.30	291
10	12.539	55	63.49	99	21.64	2	28.21	288
20	12.594	6	64.48	101	21.62	27	31.09	273
30	12.588	66	65.49	96	21.35	49	33.82	249
Feb. 9	12.522	119	66.45	86	20.86	70	36.31	214
19	12.403	162	67.31	71	20.16	87	38.45	170
März 1	12.241	194	68.02	52	19.29	100	40.15	120
11	12.047	214	68.54	31	18.29	107	41.35	65
21	11.833	220	68.85	7	17.22	110	42.00	8
31	11.613	212	68.92	15	16.12	108	42.08	48
Apr. 10	11.401	193	68.77	39	15.04	101	41.60	103
20	11.208	162	68.38	58	14.03	89	40.57	152
30	11.046	124	67.80	76	13.14	76	39.05	196
Mai 10	10.922	78	67.04	89	12.38	58	37.09	232
20	10.844	30	66.15	100	11.80	39	34.77	262
30	10.814	21	65.15	107	11.41	18	32.15	282
Juni 9	10.835	72	64.08	109	11.23	2	29.33	295
19	10.907	122	62.99	110	11.25	24	26.38	299
29	11.029	167	61.89	108	11.49	45	23.39	296
Juli 9	11.196	209	60.81	103	11.94	63	20.43	286
19	11.405	247	59.78	97	12.57	82	17.57	270
29	11.652	281	58.81	90	13.39	97	14.87	248
Aug. 8	11.933	309	57.91	83	14.36	113	12.39	220
18	12.242	332	57.08	74	15.49	124	10.19	190
28	12.574	352	56.34	66	16.73	134	8.29	153
Sept. 7	12.926	367	55.68	58	18.07	141	6.76	116
17	13.293	377	55.10	48	19.48	147	5.60	76
27	13.670	383	54.62	39	20.95	150	4.84	32
Okt. 7	14.053	387	54.23	28	22.45	149	4.52	12
17	14.440	382	53.95	16	23.94	146	4.64	56
27	14.822	373	53.79	2	25.40	140	5.20	100
Nov. 6	15.195	357	53.77	12	26.80	130	6.20	144
16	15.552	331	53.89	29	28.10	118	7.64	184
26	15.883	299	54.18	45	29.28	102	9.48	219
Dez. 6	16.182	257	54.63	61	30.30	82	11.67	251
16	16.439	208	55.24	75	31.12	61	14.18	273
26	16.647	151	55.99	88	31.73	38	16.91	285
35	[31] 16.798		56.87		[31] 32.11		19.76	
Mittl. Ort	9.399		60.02		10.57		22.05	
sec δ, tg δ	1.295		+0.823		5.560		+5.470	
a, *a′*	+4.2		−3.0		+10.3		−3.1	
b, *b′*	−0.01		−0.99		−0.06		−0.99	

Tag	252) ν Argus				253) *S* Monocerotis				254) ε Geminorum				256) ξ Geminorum			
	AR.	Diff.	Dekl.	Diff.	AR.	Diff.	Dekl.	Diff.	AR.	Diff.	Dekl.	Diff.	AR.	Diff.	Dekl.	Diff.
1935	6h 35m		−43° 7′		6h 37m		+9° 57′		6h 39m		+25° 11′		6h 41m		+12° 57′	
Jan. 0*)	48.677	31	75.34	339	26.319	97	28.61	89	58.696	112	51.81	5	40.931	104	63.56	73
10	48.708	31	78.73	318	26.416	48	27.72	77	[1]58.808	59	51.86	15	41.035	53	62.83	60
20	48.677	90	81.91	290	26.464	2	26.95	63	58.867	4	52.01	22	41.088	4	62.23	47
30	48.587	145	84.81	256	26.462	48	26.32	50	58.871	47	52.23	28	41.092	45	61.76	36
Feb. 9	48.442	193	87.37	215	26.414	90	25.82	38	58.824	93	52.51	28	41.047	87	61.40	25
19	48.249	232	89.52	171	26.324	125	25.44	26	58.731	132	52.79	27	40.960	123	61.15	16
März 1	48.017	260	91.23	123	26.199	150	25.18	17	58.599	160	53.06	22	40.837	149	60.99	9
11	47.757	278	92.46	75	26.049	166	25.01	7	58.439	178	53.28	16	40.688	166	60.90	3
21	47.479	282	93.21	25	25.883	170	24.94	0	58.261	184	53.44	7	40.522	172	60.87	1
31	47.197	276	93.46	23	25.713	165	24.94	7	58.077	178	53.51	1	40.350	167	60.88	6
Apr. 10	46.921	260	93.23	71	25.548	150	25.01	14	57.899	162	53.50	9	40.183	151	60.94	10
20	46.661	234	92.52	116	25.398	126	25.15	22	57.737	137	53.41	18	40.032	129	61.04	14
30	46.427	199	91.36	158	25.272	96	25.37	29	57.600	105	53.23	23	39.903	99	61.18	18
Mai 10	46.228	160	89.78	196	25.176	62	25.66	36	57.495	66	53.00	27	39.804	64	61.36	23
20	46.068	115	87.82	230	25.114	23	26.02	44	57.429	25	52.73	29	39.740	26	61.59	29
30	45.953	66	85.52	257	25.091	17	26.46	50	57.404	19	52.44	31	39.714	14	61.88	33
Juni 9	45.887	16	82.95	279	25.108	55	26.96	57	57.423	61	52.13	29	39.728	54	62.21	39
19	45.871	34	80.16	292	25.163	94	27.53	61	57.484	103	51.84	28	39.782	92	62.60	43
29	45.905	84	77.24	298	25.257	130	28.14	64	57.587	142	51.56	27	39.874	128	63.03	44
Juli 9	45.989	131	74.26	294	25.387	163	28.78	64	57.729	178	51.29	24	40.002	162	63.47	45
19	46.120	176	71.32	283	25.550	192	29.42	62	57.907	210	51.05	24	40.164	191	63.92	43
29	46.296	218	68.49	261	25.742	218	30.04	55	58.117	238	50.81	23	40.355	218	64.35	38
Aug. 8	46.514	254	65.88	230	25.960	241	30.59	46	58.355	263	50.58	24	40.573	241	64.73	30
18	46.768	287	63.58	192	26.201	259	31.05	33	58.618	283	50.34	27	40.814	260	65.03	19
28	47.055	314	61.66	144	26.460	275	31.38	17	58.901	300	50.07	30	41.074	276	65.22	6
Sept. 7	47.369	335	60.22	91	26.735	287	31.55	1	59.201	314	49.77	34	41.350	290	65.28	10
17	47.704	350	59.31	33	27.022	297	31.54	20	59.515	324	49.43	40	41.640	299	65.18	27
27	48.054	357	58.98	27	27.319	302	31.34	41	59.839	330	49.03	45	41.939	306	64.91	44
Okt. 7	48.411	358	59.25	89	27.621	305	30.93	61	60.169	334	48.58	48	42.245	309	64.47	61
17	48.769	349	60.14	148	27.926	303	30.32	79	60.503	332	48.10	51	42.554	308	63.86	76
27	49.118	334	61.62	204	28.229	296	29.53	94	60.835	325	47.59	51	42.862	302	63.10	88
Nov. 6	49.452	308	63.66	252	28.525	284	28.59	106	61.160	312	47.08	48	43.164	290	62.22	97
16	49.760	274	66.18	292	28.809	265	27.53	113	61.472	293	46.60	43	43.454	271	61.25	102
26	50.034	232	69.10	322	29.074	239	26.40	115	61.765	266	46.17	36	43.725	247	60.23	102
Dez. 6	50.266	183	72.32	342	29.313	207	25.25	114	62.031	230	45.81	25	43.972	213	59.21	98
16	50.449	127	75.74	349	29.520	168	24.11	107	62.261	189	45.56	14	44.185	175	58.23	91
26	50.576	67	79.23	346	29.688	124	23.04	97	62.450	141	45.42	3	44.360	131	57.32	80
35	[31]50.643		82.69		[31]29.812		22.07		[32]62.591		45.39		[32]44.491		56.52	
Mittl. Ort	46.313		77.82		23.956		26.58		56.082		49.88		38.529		61.73	
sec δ, tg δ	1.371		−0.937		1.015		+0.176		1.105		+0.471		1.026		+0.230	
a, *a′*	+1.8		−3.1		+3.3		−3.3		+3.7		−3.5		+3.4		−3.6	
b, *b′*	+0.01		−0.99		0.00		−0.99		−0.01		−0.98		0.00		−0.98	

*) Bei Stern 254) und 256) lies Jan. 1

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Tag	257) α Canis maj.[1]) AR.		257) Dekl.		258) 18 Monocerotis AR.		258) Dekl.		262) α Pictoris AR.		262) Dekl.		261) ϑ Geminorum AR.		261) Dekl.	
1935	$6^h 42^m$		−16° 37′		$6^h 44^m$		+2° 28′		$6^h 47^m$		−61° 51′		$6^h 48^m$		+34° 2′	
Jan. 1	$19\overset{s}{.}222$	73	$33\overset{''}{.}02$	242	$30\overset{s}{.}649$	98	$66\overset{''}{.}42$	137	$34\overset{s}{.}51$	1	$73\overset{''}{.}33$	372	$33\overset{s}{.}292$	130	$30\overset{''}{.}18$	58
10	[1] 19.295	23	35.44	225	[2] 30.747	49	65.05	123	[3] 34.50	10	77.05	356	[3] 33.422	71	30.76	68
20	19.318	25	37.69	202	30.796	1	63.82	106	34.40	20	80.61	329	33.493	12	31.44	73
30	19.293	72	39.71	175	30.797	46	62.76	88	34.20	27	83.90	295	33.505	45	32.17	73
Feb. 9	19.221	112	41.46	145	30.751	88	61.88	70	33.93	34	86.85	253	33.460	96	32.90	70
19	19.109	146	42.91	113	30.663	122	61.18	52	33.59	39	89.38	207	33.364	140	33.60	61
März 1	18.963	170	44.04	81	30.541	148	60.66	36	33.20	44	91.45	157	33.224	172	34.21	49
11	18.793	185	44.85	48	30.393	164	60.30	19	32.76	47	93.02	105	33.052	193	34.70	34
21	18.608	190	45.33	15	30.229	170	60.11	5	32.29	48	94.07	50	32.859	201	35.04	16
31	18.418	184	45.48	17	30.059	165	60.06	11	31.81	48	94.57	2	32.658	198	35.20	1
Apr. 10	18.234	170	45.31	48	29.894	152	60.17	24	31.33	45	94.55	56	32.460	182	35.19	19
20	18.064	148	44.83	77	29.742	130	60.41	39	30.88	43	93.99	107	32.278	156	35.00	36
30	17.916	118	44.06	105	29.612	102	60.80	52	30.45	38	92.92	154	32.122	122	34.64	49
Mai 10	17.798	84	43.01	130	29.510	68	61.32	64	30.07	33	91.38	198	32.000	82	34.15	62
20	17.714	47	41.71	153	29.442	32	61.96	77	29.74	26	89.40	237	31.918	37	33.53	70
30	17.667	8	40.18	171	29.410	6	62.73	86	29.48	20	87.03	270	31.881	8	32.83	77
Juni 9	17.659	31	38.47	186	29.416	44	63.59	96	29.28	13	84.33	296	31.889	55	32.06	80
19	17.690	70	36.61	195	29.460	82	64.55	101	29.15	5	81.37	314	31.944	100	31.26	82
29	17.760	107	34.66	199	29.542	117	65.56	104	29.10	3	78.23	323	32.044	143	30.44	81
Juli 9	17.867	142	32.67	196	29.659	149	66.60	103	29.13	10	75.00	323	32.187	183	29.63	79
19	18.009	174	30.71	187	29.808	179	67.63	99	29.23	18	71.77	313	32.370	218	28.84	77
29	18.183	201	28.84	172	29.987	206	68.62	90	29.41	25	68.64	293	32.588	250	28.07	74
Aug. 8	18.384	227	27.12	149	30.193	228	69.52	76	29.66	32	65.71	263	32.838	278	27.33	70
18	18.611	248	25.63	120	30.421	249	70.28	59	29.98	37	63.08	224	33.116	301	26.63	67
28	18.859	266	24.43	85	30.670	264	70.87	38	30.35	43	60.84	176	33.417	321	25.96	64
Sept. 7	19.125	280	23.58	47	30.934	278	71.25	13	30.78	46	59.08	120	33.738	338	25.32	62
17	19.405	290	23.11	3	31.212	289	71.38	14	31.24	50	57.88	59	34.076	349	24.70	58
27	19.695	297	23.08	41	31.501	295	71.24	41	31.74	50	57.29	6	34.425	358	24.12	53
Okt. 7	19.992	298	23.49	85	31.796	299	70.83	69	32.24	51	57.35	73	34.783	363	23.59	49
17	20.290	295	24.34	129	32.095	298	70.14	95	32.75	50	58.08	137	35.146	363	23.10	42
27	20.585	287	25.63	167	32.393	292	69.19	117	33.25	47	59.45	199	35.509	356	22.68	32
Nov. 6	20.872	272	27.30	201	32.685	280	68.02	135	33.72	43	61.44	255	35.865	344	22.36	22
16	21.144	250	29.31	227	32.965	263	66.67	149	34.15	37	63.99	301	36.209	323	22.14	9
26	21.394	222	31.58	246	33.228	237	65.18	156	34.52	31	67.00	338	36.532	295	22.05	5
Dez. 6	21.616	187	34.04	256	33.465	206	63.62	158	34.83	22	70.38	363	36.827	258	22.10	21
16	21.803	146	36.60	257	33.671	167	62.04	153	35.05	14	74.01	377	37.085	213	22.31	37
26	21.949	101	39.17	251	33.838	124	60.51	145	35.19	5	77.78	378	37.298	160	22.68	49
35	[33] 22.050		41.68		[33] 33.962		59.06		[34] 35.24		81.56		[34] 37.458		23.17	
Mittl. Ort	17.123		32.77		28.364		64.61		31.55		76.75		30.447		28.88	
sec δ, tg δ	1.044		−0.299		1.001		+0.043		2.121		−1.871		1.207		+0.676	
a, *a′*	+2.7		−3.7		+3.1		−3.9		+0.6		−4.1		+4.0		−4.2	
b, *b′*	0.00		−0.98		0.00		−0.98		+0.03		−0.98		−0.01		−0.98	

[1]) Ort des Hauptsterns; die jährliche Parallaxe ($0\overset{''}{.}38$) ist bereits berücksichtigt.

Tag	266) ϑ Canis maj.				265) 15 Lyncis				268) ε Canis maj.				269) ζ Geminorum			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1935	6h 51m		−11° 57′		6h 51m		+58° 30′		6h 56m		−28° 52′		7h 0m		+20° 39′	
Jan. 1	12.400	91	19.41	219	43.514	172	38.31	197	6.431	79	54.61	299	17.854	129	62.86	29
10	4 12.491	42	21.60	204	4 43.686	81	40.28	203	5 6.510	26	57.60	284	6 17.983	77	62.57	16
20	12.533	7	23.64	183	43.767	10	42.31	200	6.536	28	60.44	259	18.060	24	62.41	5
30	12.526	53	25.47	159	43.757	96	44.31	189	6.508	78	63.03	230	18.084	28	62.36	5
Feb. 9	12.473	96	27.06	132	43.661	175	46.20	169	6.430	123	65.33	196	18.056	75	62.41	12
19	12.377	130	28.38	104	43.486	243	47.89	141	6.307	161	67.29	158	17.981	115	62.53	16
März 1	12.247	157	29.42	75	43.243	293	49.30	108	6.146	189	68.87	119	17.866	145	62.69	17
11	12.090	174	30.17	46	42.950	327	50.38	70	5.957	207	70.06	78	17.721	166	62.86	16
21	11.916	180	30.63	17	42.623	342	51.08	29	5.750	216	70.84	37	17.555	175	63.02	13
31	11.736	178	30.80	10	42.281	338	51.37	12	5.534	213	71.21	5	17.380	174	63.15	9
Apr. 10	11.558	165	30.70	38	41.943	316	51.25	53	5.321	202	71.16	44	17.206	161	63.24	5
20	11.393	144	30.32	64	41.627	279	50.72	90	5.119	182	70.72	83	17.045	140	63.29	1
30	11.249	118	29.68	89	41.348	230	49.82	125	4.937	154	69.89	119	16.905	112	63.30	3
Mai 10	11.131	86	28.79	112	41.118	169	48.57	153	4.783	121	68.70	154	16.793	78	63.27	5
20	11.045	50	27.67	133	40.949	102	47.04	178	4.662	84	67.16	182	16.715	39	63.22	6
30	10.995	12	26.34	150	40.847	31	45.26	195	4.578	44	65.34	208	16.676	0	63.16	7
Juni 9	10.983	25	24.84	163	40.816	42	43.31	207	4.534	3	63.26	228	16.676	40	63.09	7
19	11.008	63	23.21	173	40.858	114	41.24	213	4.531	38	60.98	241	16.716	80	63.02	6
29	11.071	99	21.48	177	40.972	183	39.11	215	4.569	78	58.57	249	16.796	117	62.96	5
Juli 9	11.170	133	19.71	177	41.155	248	36.96	210	4.647	117	56.08	248	16.913	152	62.91	6
19	11.303	163	17.94	170	41.403	307	34.86	202	4.764	153	53.60	240	17.065	184	62.85	8
29	11.466	192	16.24	156	41.710	362	32.84	190	4.917	187	51.20	224	17.249	213	62.77	10
Aug. 8	11.658	217	14.68	137	42.072	408	30.94	175	5.104	218	48.96	199	17.462	238	62.67	15
18	11.875	239	13.31	111	42.480	448	29.19	157	5.322	244	46.97	167	17.700	260	62.52	22
28	12.114	257	12.20	81	42.928	483	27.62	136	5.566	268	45.30	128	17.960	278	62.30	29
Sept. 7	12.371	273	11.39	45	43.411	511	26.26	113	5.834	287	44.02	82	18.238	295	62.01	39
17	12.644	285	10.94	6	43.922	531	25.13	87	6.121	303	43.20	32	18.533	308	61.62	48
27	12.929	293	10.88	35	44.453	545	24.26	61	6.424	313	42.88	20	18.841	317	61.14	58
Okt. 7	13.222	298	11.23	75	44.998	552	23.65	32	6.737	318	43.08	75	19.158	324	60.56	66
17	13.520	296	11.98	115	45.550	549	23.33	2	7.055	316	43.83	127	19.482	325	59.90	74
27	13.816	292	13.13	150	46.099	537	23.31	29	7.371	309	45.10	175	19.807	322	59.16	79
Nov. 6	14.108	279	14.63	181	46.636	514	23.60	61	7.680	294	46.85	219	20.129	314	58.37	79
16	14.387	260	16.44	205	47.150	480	24.21	93	7.974	272	49.04	256	20.443	296	57.58	78
26	14.647	235	18.49	223	47.630	432	25.14	122	8.246	241	51.60	282	20.739	274	56.80	72
Dez. 6	14.882	201	20.72	232	48.062	373	26.36	150	8.487	203	54.42	300	21.013	241	56.08	62
16	15.083	163	23.04	234	48.435	302	27.86	172	8.690	159	57.42	308	21.254	202	55.46	51
26	15.246	118	25.38	227	48.737	220	29.58	190	8.849	109	60.50	306	21.456	157	54.95	39
35*)	35 15.364		27.65		35 48.957		31.48		8.958		63.56		21.613		54.56	
Mittl. Ort	10.203		21.37		39.278		37.25		4.228		57.16		15.332		62.18	
sec δ, tg δ	1.022		−0.212		1.914		+1.633		1.142		−0.552		1.069		+0.377	
a, *a′*	+2.8		−4.4		+5.2		−4.5		+2.4		−4.9		+3.6		−5.2	
b, *b′*	0.00		−0.98		−0.02		−0.97		+0.01		−0.97		−0.01		−0.97	

*) Bei Stern 268) und 269) lies Dez. 36

Tag	271) γ Canis maj.				273) δ Canis maj.				274) 63 Aurigae				277) λ Geminorum			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1935	7h 0m		−15° 31′		7h 5m		−26° 17′		7h 7m		+39° 25′		7h 14m		+16° 39′	
Jan. 1	51.285	98	67.81	241	47.040	93	17.54	292	14.330	158	42.06	85	23.989	139	32.77	59
10	51.383	48	70.22	225	47.133	40	20.46	277	14.488	96	42.91	98	24.128	89	32.18	45
20	51.431	1	72.47	205	47.173	13	23.23	254	14.584	32	43.89	104	24.217	35	31.73	30
30	51.430	50	74.52	179	47.160	64	25.77	227	14.616	30	44.93	106	24.252	15	31.43	17
Feb. 9	51.380	93	76.31	151	47.096	108	28.04	193	14.586	88	45.99	101	24.237	62	31.26	7
19	51.287	129	77.82	120	46.988	147	29.97	159	14.498	137	47.00	91	24.175	103	31.19	2
März 1	51.158	157	79.02	90	46.841	176	31.56	120	14.361	175	47.91	75	24.072	135	31.21	8
11	51.001	176	79.92	57	46.665	197	32.76	82	14.186	202	48.66	57	23.937	158	31.29	12
21	50.825	183	80.49	26	46.468	205	33.58	42	13.984	215	49.23	34	23.779	168	31.41	13
31	50.642	183	80.75	5	46.263	206	34.00	2	13.769	215	49.57	11	23.611	169	31.54	13
Apr. 10	50.459	171	80.70	35	46.057	195	34.02	35	13.554	202	49.68	13	23.442	160	31.67	12
20	50.288	153	80.35	65	45.862	176	33.67	73	13.352	179	49.55	35	23.282	141	31.79	13
30	50.135	126	79.70	92	45.686	151	32.94	107	13.173	147	49.20	56	23.141	116	31.92	11
Mai 10	50.009	96	78.78	117	45.535	120	31.87	140	13.026	106	48.64	74	23.025	85	32.03	12
20	49.913	62	77.61	140	45.415	85	30.47	169	12.920	62	47.90	90	22.940	49	32.15	12
30	49.851	24	76.21	160	45.330	46	28.78	194	12.858	15	47.00	100	22.891	12	32.27	13
Juni 9	49.827	13	74.61	175	45.284	7	26.84	214	12.843	34	46.00	109	22.879	26	32.40	13
19	49.840	51	72.86	186	45.277	32	24.70	228	12.877	82	44.91	114	22.905	64	32.53	14
29	49.891	87	71.00	192	45.309	71	22.42	236	12.959	127	43.77	117	22.969	101	32.67	14
Juli 9	49.978	121	69.08	191	45.380	110	20.06	237	13.086	170	42.60	118	23.070	134	32.81	13
19	50.099	154	67.17	184	45.490	144	17.69	229	13.256	210	41.42	116	23.204	166	32.94	10
29	50.253	183	65.33	171	45.634	178	15.40	215	13.466	245	40.26	113	23.370	194	33.04	5
Aug. 8	50.436	209	63.62	151	45.812	207	13.25	192	13.711	277	39.13	109	23.564	220	33.09	3
18	50.645	234	62.11	125	46.019	235	11.33	161	13.988	305	38.04	104	23.784	243	33.06	12
28	50.879	253	60.86	92	46.254	259	9.72	125	14.293	329	37.00	99	24.027	263	32.94	23
Sept. 7	51.132	271	59.94	55	46.513	279	8.47	81	14.622	349	36.01	92	24.290	280	32.71	36
17	51.403	284	59.39	13	46.792	295	7.66	34	14.971	366	35.09	84	24.570	295	32.35	50
27	51.687	295	59.26	29	47.087	306	7.32	18	15.337	378	34.25	76	24.865	307	31.85	63
Okt. 7	51.982	301	59.55	74	47.393	314	7.50	70	15.715	387	33.49	65	25.172	316	31.22	77
17	52.283	301	60.29	116	47.707	315	8.20	121	16.102	390	32.84	52	25.488	319	30.45	88
27	52.584	297	61.45	156	48.022	309	9.41	168	16.492	386	32.32	38	25.807	319	29.57	97
Nov. 6	52.881	286	63.01	190	48.331	297	11.09	210	16.878	377	31.94	21	26.126	312	28.60	102
16	53.167	267	64.91	217	48.628	276	13.19	247	17.255	357	31.73	2	26.438	298	27.58	102
26	53.434	242	67.08	237	48.904	249	15.66	273	17.612	329	31.71	18	26.736	277	26.56	100
Dez. 6	53.676	210	69.45	249	49.153	213	18.39	292	17.941	292	31.89	38	27.013	247	25.56	92
16	53.886	170	71.94	253	49.366	170	21.31	299	18.233	246	32.27	58	27.260	210	24.64	82
26	54.056	125	74.47	249	49.536	122	24.30	298	18.479	191	32.85	76	27.470	166	23.82	69
36	54.181		76.96		49.658		27.28		18.670		33.61		27.636		23.13	
Mittl. Ort	49.104		69.81		44.858		20.07		11.301		42.37		21.545		32.75	
sec δ, tg δ	1.038		−0.278		1.115		−0.494		1.295		+0.822		1.044		+0.299	
a, *a′*	+2.7		−5.3		+2.4		−5.7		+4.1		−5.8		+3.5		−6.4	
b, *b′*	0.00		−0.96		+0.01		−0.96		−0.02		−0.96		−0.01		−0.95	

Tag	278) π Argus AR.		Dekl.		279) δ Geminorum AR.		Dekl.		281) δ Volantis AR.		Dekl.		280) 19 Lyncis seq. AR.		Dekl.	
1935	7ʰ 14ᵐ		−36° 58′		7ʰ 16ᵐ		+22° 6′		7ʰ 16ᵐ		−67° 50′		7ʰ 17ᵐ		+55° 24′	
	s		″		s		″		s		″		s		″	
Jan. 1	53.005	92	44.15	334	17.151	147	12.88	25	55.54	3	13.18	384	38.251	207	19.96	174
10	53.097	33	47.49	321	17.298	94	12.63	11	55.57	8	17.02	375	38.458	123	21.70	185
20	53.130	24	50.70	299	17.392	40	12.52	3	55.49	20	20.77	356	38.581	39	23.55	190
30	53.106	80	53.69	270	17.432	14	12.55	13	55.29	30	24.33	328	38.620	46	25.45	186
Feb. 9	53.026	130	56.39	235	17.418	62	12.68	21	54.99	39	27.61	292	38.574	122	27.31	173
19	52.896	172	58.74	196	17.356	105	12.89	26	54.60	46	30.53	250	38.452	190	29.04	153
März 1	52.724	205	60.70	154	17.251	138	13.15	26	54.14	53	33.03	203	38.262	244	30.57	126
11	52.519	228	62.24	110	17.113	161	13.41	25	53.61	58	35.06	152	38.018	282	31.83	93
21	52.291	240	63.34	64	16.952	174	13.66	21	53.03	59	36.58	101	37.736	304	32.76	56
31	52.051	243	63.98	18	16.778	174	13.87	15	52.44	61	37.59	46	37.432	308	33.32	19
Apr. 10	51.808	233	64.16	26	16.604	166	14.02	10	51.83	59	38.05	7	37.124	296	33.51	21
20	51.575	215	63.90	70	16.438	146	14.12	3	51.24	57	37.98	59	36.828	269	33.30	58
30	51.360	190	63.20	112	16.292	121	14.15	3	50.67	53	37.39	111	36.559	229	32.72	93
Mai 10	51.170	159	62.08	150	16.171	89	14.12	7	50.14	47	36.28	159	36.330	179	31.79	123
20	51.011	121	60.58	185	16.082	52	14.05	11	49.67	41	34.69	201	36.151	123	30.56	151
30	50.890	81	58.73	216	16.030	13	13.94	14	49.26	33	32.68	241	36.028	60	29.05	171
Juni 9	50.809	39	56.57	240	16.017	26	13.80	15	48.93	25	30.27	272	35.968	4	27.34	188
19	50.770	4	54.17	258	16.043	65	13.65	17	48.68	15	27.55	297	35.972	69	25.46	199
29	50.774	48	51.59	269	16.108	102	13.48	18	48.53	7	24.58	313	36.041	131	23.47	204
Juli 9	50.822	91	48.90	272	16.210	138	13.30	20	48.46	3	21.45	320	36.172	191	21.43	207
19	50.913	131	46.18	266	16.348	171	13.10	23	48.49	13	18.25	318	36.365	247	19.36	203
29	51.044	171	43.52	251	16.519	199	12.87	26	48.62	22	15.07	304	36.610	298	17.33	197
Aug. 8	51.215	207	41.01	228	16.718	227	12.61	31	48.84	31	12.03	282	36.908	344	15.36	188
18	51.422	240	38.73	197	16.945	250	12.30	37	49.15	40	9.21	248	37.252	385	13.48	174
28	51.662	269	36.76	156	17.195	271	11.93	44	49.55	47	6.73	206	37.637	421	11.74	158
Sept. 7	51.931	295	35.20	109	17.466	290	11.49	53	50.02	52	4.67	154	38.058	451	10.16	141
17	52.226	316	34.11	56	17.756	304	10.96	62	50.54	58	3.13	96	38.509	477	8.75	119
27	52.542	331	33.55	0	18.060	317	10.34	70	51.12	62	2.17	33	38.986	495	7.56	97
Okt. 7	52.873	340	33.55	59	18.377	326	9.64	78	51.74	62	1.84	34	39.481	509	6.59	71
17	53.213	341	34.14	116	18.703	331	8.86	83	52.36	63	2.18	100	39.990	513	5.88	43
27	53.554	336	35.30	171	19.034	330	8.03	87	52.99	60	3.18	165	40.503	510	5.45	14
Nov. 6	53.890	322	37.01	222	19.364	324	7.16	86	53.59	55	4.83	225	41.013	496	5.31	18
16	54.212	299	39.23	264	19.688	309	6.30	81	54.14	50	7.08	277	41.509	471	5.49	50
26	54.511	266	41.87	298	19.997	288	5.49	75	54.64	41	9.85	321	41.980	434	5.99	82
Dez. 6	54.777	226	44.85	322	20.285	257	4.74	63	55.05	32	13.06	354	42.414	384	6.81	112
16	55.003	179	48.07	335	20.542	220	4.11	50	55.37	22	16.60	375	42.798	323	7.93	140
26	55.182	126	51.42	338	20.762	174	3.61	36	55.59	10	20.35	385	43.121	251	9.33	161
36	55.308		54.80		20.936		3.25		55.69		24.20		43.372		10.94	
Mittl. Ort	50.773		47.45		14.611		13.25		52.23		18.29		34.310		21.59	
sec δ, tg δ	1.252		−0.753		1.079		+0.406		2.651		−2.455		1.761		+1.450	
a, *a′*	+2.1		−6.4		+3.6		−6.5		0.0		−6.6		+4.9		−6.7	
b, *b′*	+0.02		−0.95		−0.01		−0.95		+0.05		−0.94		−0.03		−0.94	

Scheinbare Sternörter 1935

Tag	282) ι Geminorum				285) β Canis min.				284) Grb 1308				286) ρ Geminorum			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1935	$7^h\ 21^m$		$+27°\ 55'$		$7^h\ 23^m$		$+8°\ 25'$		$7^h\ 24^m$		$+68°\ 35'$		$7^h\ 24^m$		$+31°\ 54'$	
Jan. 1	$44^s.237$	159	$43''.19$	9	$39^s.953$	141	$18''.28$	113	$13^s.86$	28	$61''.49$	235	$58^s.801$	168	$54''.56$	34
11	44.396	104	43.28	24	40.094	91	17.15	98	14.14	17	63.84	248	58.969	111	54.90	49
20	^{11}44.500	47	43.52	37	^{12}40.185	40	16.17	81	^{12}14.31	3	66.32	249	^{12}59.080	52	55.39	61
30	44.547	9	43.89	46	40.225	9	15.36	65	14.34	9	68.81	242	59.132	6	56.00	70
Feb. 9	44.538	61	44.35	50	40.216	55	14.71	48	14.25	21	71.23	223	59.126	60	56.70	71
19	44.477	106	44.85	52	40.161	96	14.23	32	14.04	32	73.46	197	59.066	108	57.41	70
März 1	44.371	142	45.37	47	40.065	127	13.91	20	13.72	40	75.43	160	58.958	146	58.11	63
11	44.229	167	45.84	41	39.938	150	13.71	8	13.32	46	77.03	118	58.812	173	58.74	53
21	44.062	182	46.25	31	39.788	162	13.63	2	12.86	49	78.21	72	58.639	188	59.27	39
31	43.880	184	46.56	20	39.626	165	13.65	11	12.37	51	78.93	23	58.451	192	59.66	24
Apr. 10	43.696	175	46.76	7	39.461	156	13.76	19	11.86	50	79.16	27	58.259	183	59.90	7
20	43.521	157	46.83	4	39.305	141	13.95	26	11.36	46	78.89	75	58.076	165	59.97	9
30	43.364	130	46.79	16	39.164	117	14.21	33	10.90	40	78.14	119	57.911	138	59.88	24
Mai 10	43.234	97	46.63	27	39.047	89	14.54	39	10.50	34	76.95	158	57.773	105	59.64	38
20	43.137	61	46.36	35	38.958	55	14.93	46	10.16	25	75.37	193	57.668	66	59.26	50
30	43.076	20	46.01	41	38.903	21	15.39	51	9.91	15	73.44	221	57.602	25	58.76	60
Juni 9	43.056	21	45.60	47	38.882	15	15.90	55	9.76	6	71.23	243	57.577	18	58.16	67
19	43.077	62	45.13	51	38.897	51	16.45	58	9.70	4	68.80	258	57.595	59	57.49	73
29	43.139	100	44.62	54	38.948	86	17.03	59	9.74	14	66.22	266	57.654	101	56.76	77
Juli 9	43.239	138	44.08	57	39.034	118	17.62	58	9.88	23	63.56	268	57.755	140	55.99	80
19	43.377	173	43.51	58	39.152	150	18.20	54	10.11	33	60.88	264	57.895	175	55.19	82
29	43.550	204	42.93	61	39.302	177	18.74	46	10.44	41	58.24	255	58.070	209	54.37	84
Aug. 8	43.754	232	42.32	64	39.479	203	19.20	36	10.85	48	55.69	241	58.279	237	53.53	84
18	43.986	257	41.68	66	39.682	226	19.56	22	11.33	56	53.28	223	58.516	265	52.69	86
28	44.243	280	41.02	71	39.908	247	19.78	4	11.89	61	51.05	200	58.781	289	51.83	87
Sept. 7	44.523	300	40.31	74	40.155	265	19.82	14	12.50	66	49.05	174	59.070	310	50.96	88
17	44.823	316	39.57	78	40.420	281	19.68	37	13.16	71	47.31	143	59.380	327	50.08	88
27	45.139	330	38.79	81	40.701	293	19.31	58	13.87	74	45.88	110	59.707	342	49.20	87
Okt. 7	45.469	340	37.98	82	40.994	304	18.73	80	14.61	76	44.78	75	60.049	353	48.33	85
17	45.809	346	37.16	82	41.298	309	17.93	100	15.37	76	44.03	35	60.402	360	47.48	80
27	46.155	346	36.34	78	41.607	310	16.93	117	16.13	76	43.68	4	60.762	360	46.68	72
Nov. 6	46.501	341	35.56	73	41.917	305	15.76	131	16.89	74	43.72	46	61.122	354	45.96	62
16	46.842	326	34.83	62	42.222	292	14.45	138	17.63	70	44.18	87	61.476	341	45.34	49
26	47.168	304	34.21	50	42.514	272	13.07	143	18.33	63	45.05	127	61.817	318	44.85	33
Dez. 6	47.472	274	33.71	35	42.786	244	11.64	140	18.96	56	46.32	164	62.135	286	44.52	14
16	47.746	234	33.36	19	43.030	209	10.24	133	19.52	47	47.96	197	62.421	247	44.38	3
26	47.980	187	33.17	1	43.239	166	8.91	122	19.99	36	49.93	223	62.668	197	44.41	22
36	48.167		33.16		43.405		7.69		20.35		52.16		62.865		44.63	
Mittl. Ort	41.573		44.22		37.633		18.23		8.10		63.98		56.036		56.04	
sec δ, tg δ	1.132		+0.530		1.011		+0.148		2.741		+2.552		1.178		+0.623	
a, *a'*	+3.7		−7.0		+3.3		−7.2		+6.3		−7.2		+3.8		−7.3	
b, *b'*	−0.01		−0.94		0.00		−0.93		−0.06		−0.93		−0.02		−0.93	

Tag	287) α Geminorum[1]) AR.	Δ	Dekl.	Δ	289) 25 Monocerotis AR.	Δ	Dekl.	Δ	291) α Canis min.[2]) AR.	Δ	Dekl.	Δ	292) 24 Lyncis AR.	Δ	Dekl.	Δ
1935	$7^h 30^m$		$+32° 1'$		$7^h 34^m$		$-3° 57'$		$7^h 35^m$		$+5° 23'$		$7^h 37^m$		$+58° 51'$	
Jan. 1	30.041	174	57.78	32	5.016	141	51.62	190	56.373	145	34.09	138	35.356	254	48.78	183
11	30.215	116	58.10	47	5.157	91	53.52	174	56.518	96	32.71	122	35.610	163	50.61	199
20	14 30.331	58	58.57	61	15 5.248	42	55.26	156	15 56.614	46	31.49	104	15 35.773	71	52.60	208
30	30.389	2	59.18	70	5.290	8	56.82	135	56.660	5	30.45	85	35.844	22	54.68	207
Feb. 9	30.387	55	59.88	73	5.282	53	58.17	112	56.655	51	29.60	66	35.822	109	56.75	197
19	30.332	104	60.61	72	5.229	93	59.29	89	56.604	91	28.94	48	35.713	188	58.72	178
März 1	30.228	143	61.33	65	5.136	126	60.18	65	56.513	123	28.46	33	35.525	251	60.50	152
11	30.085	171	61.98	56	5.010	148	60.83	43	56.390	148	28.13	17	35.274	299	62.02	119
21	29.914	187	62.54	42	4.862	162	61.26	21	56.242	160	27.96	4	34.975	329	63.21	81
31	29.727	193	62.96	26	4.700	166	61.47	1	56.082	164	27.92	7	34.646	341	64.02	40
Apr. 10	29.534	184	63.22	10	4.534	160	61.48	20	55.918	158	27.99	19	34.305	335	64.42	2
20	29.350	168	63.32	6	4.374	146	61.28	38	55.760	143	28.18	28	33.970	312	64.40	43
30	29.182	142	63.26	23	4.228	125	60.90	57	55.617	122	28.46	37	33.658	275	63.97	83
Mai 10	29.040	109	63.03	37	4.103	99	60.33	73	55.495	94	28.83	45	33.383	227	63.14	118
20	28.931	71	62.66	49	4.004	68	59.60	88	55.401	63	29.28	54	33.156	169	61.96	150
30	28.860	31	62.17	60	3.936	36	58.72	101	55.338	29	29.82	60	32.987	105	60.46	176
Juni 9	28.829	12	61.57	68	3.900	1	57.71	112	55.309	6	30.42	64	32.882	38	58.70	198
19	28.841	53	60.89	74	3.899	33	56.59	121	55.315	41	31.06	69	32.844	31	56.72	213
29	28.894	94	60.15	80	3.932	67	55.38	123	55.356	74	31.75	69	32.875	99	54.59	224
Juli 9	28.988	133	59.35	83	3.999	100	54.15	124	55.430	108	32.44	68	32.974	165	52.35	228
19	29.121	169	58.52	85	4.099	130	52.91	120	55.538	137	33.12	63	33.139	227	50.07	231
29	29.290	202	57.67	88	4.229	159	51.71	110	55.675	166	33.75	55	33.366	285	47.76	225
Aug. 8	29.492	231	56.79	90	4.388	185	50.61	96	55.841	192	34.30	43	33.651	339	45.51	218
18	29.723	260	55.89	91	4.573	210	49.65	76	56.033	216	34.73	27	33.990	388	43.33	206
28	29.983	284	54.98	92	4.783	232	48.89	52	56.249	237	35.00	9	34.378	431	41.27	191
Sept. 7	30.267	306	54.06	94	5.015	253	48.37	23	56.486	257	35.09	14	34.809	469	39.36	173
17	30.573	324	53.12	94	5.268	269	48.14	8	56.743	273	34.95	37	35.278	501	37.63	150
27	30.897	340	52.18	93	5.537	285	48.22	41	57.016	287	34.58	63	35.779	527	36.13	126
Okt. 7	31.237	352	51.25	91	5.822	296	48.63	75	57.303	299	33.95	87	36.306	546	34.87	98
17	31.589	359	50.34	85	6.118	303	49.38	108	57.602	305	33.08	110	36.852	557	33.89	68
27	31.948	361	49.49	78	6.421	304	50.46	137	57.907	308	31.98	130	37.409	558	33.21	34
Nov. 6	32.309	356	48.71	68	6.725	301	51.83	163	58.215	303	30.68	146	37.967	549	32.87	0
16	32.665	344	48.03	53	7.026	288	53.46	182	58.518	291	29.22	158	38.516	526	32.87	38
26	33.009	321	47.50	38	7.314	270	55.28	197	58.809	274	27.64	163	39.042	490	33.25	74
Dez. 6	33.330	291	47.12	19	7.584	242	57.25	203	59.083	246	26.01	163	39.532	440	33.99	109
16	33.621	251	46.93	0	7.826	207	59.28	203	59.329	212	24.38	158	39.972	376	35.08	141
26	33.872	203	46.93	20	8.033	167	61.31	197	59.541	170	22.80	147	40.348	301	36.49	168
36	34.075		47.13		8.200		63.28		59.711		21.33		40.649		38.17	
Mittl. Ort	27.279		59.69		2.824		52.32		54.032		34.69		31.121		52.56	
sec δ, tg δ	1.180		+0.626		1.002		−0.069		1.004		+0.094		1.934		+1.655	
a, *a'*	+3.8		−7.7		+3.0		−8.0		+3.2		−8.1		+5.1		−8.3	
b, *b'*	−0.02		−0.92		0.00		−0.92		0.00		−0.91		−0.05		−0.91	

[1]) AR. der Mitte; Dekl. des folgenden, helleren Sterns.

[2]) Ort des hellen Sterns; die jährliche Parallaxe (0.″33) ist bereits berücksichtigt.

Tag	294) κ Geminorum AR.	Diff.	Dekl.	Diff.	295) β Geminorum AR.	Diff.	Dekl.	Diff.	297) ζ Volantis AR.	Diff.	Dekl.	Diff.	296) π Geminorum AR.	Diff.	Dekl.	Diff.
1935	7h 40m		+24° 33′		7h 41m		+28° 10′		7h 42m		−72° 26′		7h 43m		+33° 34′	
	s		″		s		″		s		″		s		″	
Jan. 1	34.173	174	17.41	19	23.156	179	62.64	3	41.40	10	54.54	387	22.000	191	33.66	36
11	34.347	121	17.22	1	23.335	124	62.67	21	41.50	5	58.41	385	22.191	133	34.02	54
20	[16]34.468	66	17.21	14	[16]23.459	67	62.88	37	[17]41.45	19	62.26	373	[17]22.324	72	34.56	69
30	34.534	10	17.35	27	23.526	10	63.25	48	41.26	32	65.99	350	22.396	13	35.25	79
Feb. 9	34.544	42	17.62	37	23.536	44	63.73	55	40.94	44	69.49	321	22.409	44	36.04	84
19	34.502	87	17.99	41	23.492	92	64.28	59	40.50	54	72.70	283	22.365	95	36.88	83
März 1	34.415	125	18.40	43	23.400	130	64.87	56	39.96	63	75.53	241	22.270	136	37.71	78
11	34.290	153	18.83	41	23.270	159	65.43	52	39.33	69	77.94	193	22.134	167	38.49	67
21	34.137	170	19.24	35	23.111	176	65.95	42	38.64	73	79.87	143	21.967	186	39.16	53
31	33.967	175	19.59	28	22.935	183	66.37	31	37.91	75	81.30	91	21.781	194	39.69	36
Apr. 10	33.792	171	19.87	18	22.752	178	66.68	18	37.16	76	82.21	37	21.587	189	40.05	18
20	33.621	156	20.05	9	22.574	163	66.86	5	36.40	73	82.58	16	21.398	174	40.23	0
30	33.465	133	20.14	0	22.411	140	66.91	8	35.67	70	82.42	69	21.224	150	40.23	19
Mai 10	33.332	104	20.14	8	22.271	111	66.83	19	34.97	65	81.73	119	21.074	119	40.04	36
20	33.228	71	20.06	16	22.160	76	66.64	31	34.32	58	80.54	166	20.955	83	39.68	50
30	33.157	33	19.90	23	22.084	37	66.33	39	33.74	49	78.88	209	20.872	43	39.18	64
Juni 9	33.124	4	19.67	29	22.047	1	65.94	47	33.25	40	76.79	246	20.829	2	38.54	74
19	33.128	42	19.38	33	22.048	41	65.47	53	32.85	29	74.33	276	20.827	40	37.80	83
29	33.170	79	19.05	38	22.089	79	64.94	59	32.56	18	71.57	299	20.867	81	36.97	90
Juli 9	33.249	116	18.67	42	22.168	116	64.35	63	32.38	7	68.58	311	20.948	120	36.07	95
19	33.365	148	18.25	46	22.284	151	63.72	68	32.31	6	65.47	317	21.068	157	35.12	99
29	33.513	180	17.79	51	22.435	183	63.04	72	32.37	18	62.30	310	21.225	191	34.13	103
Aug. 8	33.693	208	17.28	56	22.618	212	62.32	76	32.55	29	59.20	294	21.416	222	33.10	105
18	33.901	235	16.72	62	22.830	240	61.56	80	32.84	41	56.26	268	21.638	252	32.05	107
28	34.136	258	16.10	70	23.070	264	60.76	85	33.25	52	53.58	230	21.890	278	30.98	108
Sept. 7	34.394	280	15.40	77	23.334	287	59.91	90	33.77	60	51.28	183	22.168	302	29.90	109
17	34.674	298	14.63	84	23.621	306	59.01	94	34.37	67	49.45	130	22.470	322	28.81	109
27	34.972	315	13.79	91	23.927	323	58.07	97	35.04	74	48.15	68	22.792	341	27.72	106
Okt. 7	35.287	329	12.88	97	24.250	336	57.10	99	35.78	76	47.47	4	23.133	355	26.66	103
17	35.616	337	11.91	100	24.586	346	56.11	98	36.54	78	47.43	64	23.488	365	25.63	97
27	35.953	341	10.91	100	24.932	349	55.13	95	37.32	76	48.07	129	23.853	369	24.66	88
Nov. 6	36.294	338	9.91	97	25.281	347	54.18	88	38.08	71	49.36	192	24.222	366	23.78	75
16	36.632	327	8.94	89	25.628	336	53.30	77	38.79	65	51.28	249	24.588	355	23.03	59
26	36.959	310	8.05	80	25.964	318	52.53	64	39.44	56	53.77	298	24.943	336	22.44	42
Dez. 6	37.269	282	7.25	65	26.282	289	51.89	47	40.00	44	56.75	337	25.279	306	22.02	20
16	37.551	245	6.60	48	26.571	252	51.42	28	40.44	32	60.12	366	25.585	267	21.82	2
26	37.796	202	6.12	31	26.823	207	51.14	9	40.76	19	63.78	382	25.852	220	21.84	23
36	37.998		5.81		27.030		51.05		40.95		67.60		26.072		22.07	
Mittl. Ort	31.611		19.53		20.512		65.10		37.70		61.18		19.213		36.67	
sec δ, tg δ	1.099		+0.457		1.135		+0.536		3.316		−3.162		1.200		+0.664	
a, *a′*	+3.6		−8.5		+3.7		−8.6		−0.7		−8.7		+3.9		−8.7	
b, *b′*	−0.01		−0.91		−0.02		−0.90		+0.09		−0.90		−0.02		−0.90	

Tag	300) Grb 1374 AR.		300) Dekl.		303) χ Argus AR.		303) Dekl.		305) χ Geminorum AR.		305) Dekl.		306) ζ Argus AR.		306) Dekl.	
1935	$7^h 52^m$		$+74° 5'$		$7^h 55^m$		$-52° 48'$		$7^h 59^m$		$+27° 58'$		$8^h 1^m$		$-39° 48'$	
	s		"		s		"		s		"		s		"	
Jan. 1	34.51	44	34.78	244	10.019	137	20.19	378	34.407	199	37.27	6	20.054	150	64.51	351
11	34.95	28	37.22	262	10.156	63	23.97	375	34.606	144	37.21	15	20.204	89	68.02	345
20*)	[19] 35.23	11	39.84	272	[20] 10.219	13	27.72	362	[21] 34.750	88	37.36	32	[21] 20.293	29	71.47	330
30	35.34	6	42.56	269	10.206	84	31.34	339	34.838	30	37.68	47	20.322	32	74.77	309
Feb. 9	35.28	22	45.25	256	10.122	151	34.73	309	34.868	25	38.15	57	20.290	87	77.86	278
19	35.06	36	47.81	232	9.971	209	37.82	272	34.843	74	38.72	62	20.203	137	80.64	244
März 1	34.70	49	50.13	198	9.762	258	40.54	230	34.769	115	39.34	63	20.066	178	83.08	204
11	34.21	58	52.11	156	9.504	294	42.84	184	34.654	147	39.97	59	19.888	208	85.12	162
21	33.63	66	53.67	109	9.210	319	44.68	135	34.507	168	40.56	52	19.680	230	86.74	117
31	32.97	68	54.76	57	8.891	332	46.03	85	34.339	177	41.08	41	19.450	240	87.91	72
Apr. 10	32.29	69	55.33	5	8.559	332	46.88	34	34.162	176	41.49	28	19.210	241	88.63	25
20	31.60	67	55.38	49	8.227	322	47.22	18	33.986	164	41.77	15	18.969	232	88.88	21
30	30.93	60	54.89	99	7.905	301	47.04	67	33.822	145	41.92	2	18.737	214	88.67	64
Mai 10	30.33	53	53.90	145	7.604	273	46.37	115	33.677	118	41.94	11	18.523	191	88.03	108
20	29.80	43	52.45	186	7.331	236	45.22	160	33.559	86	41.83	24	18.332	161	86.95	146
30	29.37	32	50.59	222	7.095	194	43.62	200	33.473	52	41.59	34	18.171	126	85.49	182
Juni 9	29.05	21	48.37	251	6.901	146	41.62	234	33.421	13	41.25	44	18.045	89	83.67	213
19	28.84	7	45.86	273	6.755	95	39.28	263	33.408	24	40.81	52	17.956	48	81.54	237
29	28.77	5	43.13	287	6.660	41	36.65	284	33.432	61	40.29	60	17.908	7	79.17	256
Juli 9	28.82	18	40.26	296	6.619	15	33.81	297	33.493	98	39.69	66	17.901	35	76.61	266
19	29.00	31	37.30	298	6.634	70	30.84	300	33.591	132	39.03	72	17.936	77	73.95	268
29	29.31	42	34.32	293	6.704	127	27.84	294	33.723	165	38.31	78	18.013	120	71.27	261
Aug. 8	29.73	53	31.39	282	6.831	181	24.90	278	33.888	195	37.53	84	18.133	160	68.66	245
18	30.26	63	28.57	267	7.012	233	22.12	251	34.083	223	36.69	90	18.293	200	66.21	220
28	30.89	73	25.90	245	7.245	283	19.61	215	34.306	250	35.79	96	18.493	236	64.01	187
Sept. 7	31.62	80	23.45	220	7.528	326	17.46	170	34.556	274	34.83	102	18.729	270	62.14	143
17	32.42	87	21.25	189	7.854	365	15.76	117	34.830	296	33.81	108	18.999	301	60.71	95
27	33.29	93	19.36	154	8.219	396	14.59	58	35.126	315	32.73	111	19.300	325	59.76	40
Okt. 7	34.22	96	17.82	116	8.615	417	14.01	5	35.441	332	31.62	114	19.625	345	59.36	19
17	35.18	99	16.66	74	9.032	429	14.06	69	35.773	345	30.48	114	19.970	358	59.55	77
27	36.17	99	15.92	30	9.461	430	14.75	134	36.118	351	29.34	110	20.328	361	60.32	137
Nov. 6	37.16	98	15.62	16	9.891	418	16.09	194	36.469	352	28.24	104	20.689	356	61.69	191
16	38.14	93	15.78	64	10.309	393	18.03	249	36.821	345	27.20	93	21.045	341	63.60	241
26	39.07	87	16.42	111	10.702	356	20.52	295	37.166	330	26.27	78	21.386	316	66.01	282
Dez. 6	39.94	78	17.53	154	11.058	307	23.47	333	37.496	303	25.49	60	21.702	280	68.83	315
16	40.72	67	19.07	193	11.365	248	26.80	360	37.799	269	24.89	41	21.982	236	71.98	337
26	41.39	53	21.00	227	11.613	182	30.40	374	38.068	226	24.48	19	22.218	183	75.35	349
36	41.92		23.27		11.795		34.14		38.294		24.29		22.401		78.84	
Mittl. Ort	27.21		40.49		7.636		25.92		31.804		41.01		17.906		69.08	
sec δ, tg δ	3.649		+3.509		1.654		−1.318		1.132		+0.531		1.302		−0.834	
a, a'	+7.2		−9.4		+1.5		−9.7		+3.7		−10.0		+2.1		−10.1	
b, b'	−0.11		−0.88		+0.04		−0.88		−0.02		−0.87		+0.03		−0.86	

*) Bei Stern 305) und 306) lies Jan. 21

Tag	307) 27 Lyncis AR.		307) 27 Lyncis Dekl.		308) ι Navis AR.		308) ι Navis Dekl.		309) γ Argus AR.		309) γ Argus Dekl.		311) 20 Navis AR.		311) 20 Navis Dekl.	
1935	8h 3m		+51° 41′		8h 4m		−24° 6′		8h 7m		−47° 8′		8h 10m		−15° 35′	
Jan. 1	38.232	262	39.03	132	48.585	159	54.61	296	33.945	158	34.12	368	22.798	168	27.29	258
11	38.494	188	40.35	154	48.744	107	57.57	286	34.103	91	37.80	366	22.966	120	29.87	248
21	38.682	110	41.89	170	48.851	54	60.43	270	34.194	23	41.46	355	23.086	68	32.35	230
30	38.792	30	43.59	178	48.905	1	63.13	248	34.217	43	45.01	333	23.154	17	34.65	209
Feb. 9	38.822	47	45.37	178	48.906	49	65.61	220	34.174	105	48.34	305	23.171	32	36.74	182
19	38.775	116	47.15	168	48.857	92	67.81	188	34.069	160	51.39	270	23.139	75	38.56	154
März 1	38.659	175	48.83	152	48.765	130	69.69	155	33.909	205	54.09	230	23.064	111	40.10	125
11	38.484	221	50.35	129	48.635	159	71.24	119	33.704	241	56.39	186	22.953	140	41.35	93
21	38.263	253	51.64	99	48.476	176	72.43	83	33.463	266	58.25	139	22.813	158	42.28	63
31	38.010	269	52.63	66	48.300	186	73.26	45	33.197	278	59.64	91	22.655	168	42.91	33
Apr. 10	37.741	271	53.29	31	48.114	186	73.71	10	32.919	282	60.55	42	22.487	168	43.24	2
20	37.470	257	53.60	6	47.928	177	73.81	27	32.637	274	60.97	6	22.319	161	43.26	26
30	37.213	234	53.54	41	47.751	161	73.54	61	32.363	257	60.91	56	22.158	145	43.00	54
Mai 10	36.979	197	53.13	75	47.590	140	72.93	93	32.106	234	60.35	101	22.013	125	42.46	81
20	36.782	155	52.38	105	47.450	113	72.00	124	31.872	202	59.34	144	21.888	99	41.65	104
30	36.627	105	51.33	133	47.337	82	70.76	150	31.670	165	57.90	184	21.789	71	40.61	125
Juni 9	36.522	53	50.00	155	47.255	50	69.26	174	31.505	126	56.06	218	21.718	40	39.36	144
19	36.469	1	48.45	173	47.205	16	67.52	191	31.379	81	53.88	246	21.678	8	37.92	158
29	36.470	55	46.72	189	47.189	18	65.61	205	31.298	34	51.42	268	21.670	25	36.34	167
Juli 9	36.525	109	44.83	198	47.207	54	63.56	210	31.264	13	48.74	281	21.695	57	34.67	171
19	36.634	161	42.85	205	47.261	87	61.46	211	31.277	61	45.93	287	21.752	89	32.96	170
29	36.795	208	40.80	207	47.348	121	59.35	202	31.338	111	43.06	281	21.841	119	31.26	162
Aug. 8	37.003	254	38.73	206	47.469	153	57.33	187	31.449	158	40.25	267	21.960	150	29.64	148
18	37.257	297	36.67	201	47.622	184	55.46	164	31.607	204	37.58	243	22.110	178	28.16	127
28	37.554	335	34.66	195	47.806	214	53.82	134	31.811	248	35.15	209	22.288	206	26.89	99
Sept. 7	37.889	371	32.71	184	48.020	241	52.48	97	32.059	288	33.06	167	22.494	231	25.90	67
17	38.260	402	30.87	170	48.261	265	51.51	54	32.347	324	31.39	115	22.725	254	25.23	29
27	38.662	430	29.17	153	48.526	287	50.97	7	32.671	354	30.24	60	22.979	276	24.94	12
Okt. 7	39.092	453	27.64	133	48.813	305	50.90	42	33.025	378	29.64	1	23.255	293	25.06	55
17	39.545	468	26.31	109	49.118	316	51.32	92	33.403	391	29.65	63	23.548	307	25.61	99
27	40.013	478	25.22	82	49.434	323	52.24	140	33.794	397	30.28	126	23.855	314	26.60	139
Nov. 6	40.491	477	24.40	52	49.757	322	53.64	185	34.191	391	31.54	185	24.169	314	27.99	177
16	40.968	466	23.88	19	50.079	311	55.49	223	34.582	373	33.39	238	24.483	308	29.76	209
26	41.434	443	23.69	15	50.390	294	57.72	255	34.955	344	35.77	285	24.791	292	31.85	234
Dez. 6	41.877	407	23.84	49	50.684	266	60.27	278	35.299	304	38.62	322	25.083	267	34.19	252
16	42.284	359	24.33	84	50.950	230	63.05	293	35.603	254	41.84	348	25.350	235	36.71	261
26	42.643	300	25.17	114	51.180	186	65.98	297	35.857	196	45.32	365	25.585	194	39.32	262
36	42.943		26.31		51.366		68.95		36.053		48.97		25.779		41.94	
Mittl. Ort	34.673		45.11		46.518		57.25		31.724		39.67		20.735		28.72	
sec δ, tg δ	1.613		+1.266		1.096		−0.448		1.470		−1.078		1.038		−0.279	
a, *a′*	+4.5		−10.3		+2.6		−10.4		+1.8		−10.6		+2.8		−10.8	
b, *b′*	−0.04		−0.86		+0.02		−0.86		+0.04		−0.85		+0.01		−0.84	

Tag	310) Br 1147 AR.		310) Br 1147 Dekl.		312) β Cancri AR.		312) β Cancri Dekl.		314) 31 Lyncis AR.		314) 31 Lyncis Dekl.		315) ε Argus AR.		315) ε Argus Dekl.	
1935	8ʰ 11ᵐ		+75° 57′		8ʰ 12ᵐ		+9° 22′		8ʰ 18ᵐ		+43° 23′		8ʰ 21ᵐ		−59° 17′	
	s		″		s		″		s		″		s		″	
Jan. 1	33.59	55	22.10	239	61.776	189	71.43	125	26.671	252	46.44	76	13.427	188	51.77	384
11	34.14	38	24.49	263	61.965	140	70.18	106	26.923	189	47.20	101	13.615	103	55.61	389
21	34.52	18	27.12	276	62.105	89	69.12	87	27.112	122	48.21	121	13.718	15	59.50	382
30	[24] 34.70	0	29.88	279	[24] 62.194	38	68.25	67	[26] 27.234	53	49.42	135	[26] 13.733	69	63.32	365
Feb. 9	34.70	19	32.67	270	62.232	12	67.58	48	27.287	15	50.77	142	13.664	148	66.97	341
19	34.51	36	35.37	249	62.220	57	67.10	30	27.272	75	52.19	140	13.516	220	70.38	310
März 1	34.15	51	37.86	219	62.163	94	66.80	15	27.197	129	53.59	132	13.296	280	73.48	270
11	33.64	63	40.05	179	62.069	124	66.65	2	27.068	171	54.91	118	13.016	328	76.18	227
21	33.01	71	41.84	132	61.945	144	66.63	8	26.897	201	56.09	97	12.688	365	78.45	179
31	32.30	77	43.16	82	61.801	153	66.71	17	26.696	217	57.06	72	12.323	386	80.24	129
Apr. 10	31.53	79	43.98	27	61.648	155	66.88	24	26.479	221	57.78	45	11.937	395	81.53	77
20	30.74	77	44.25	26	61.493	146	67.12	29	26.258	213	58.23	17	11.542	393	82.30	25
30	29.97	72	43.99	79	61.347	130	67.41	34	26.045	194	58.40	13	11.149	377	82.55	27
Mai 10	29.25	65	43.20	129	61.217	109	67.75	37	25.851	167	58.27	41	10.772	353	82.28	78
20	28.60	55	41.91	174	61.108	83	68.12	40	25.684	132	57.86	67	10.419	319	81.50	127
30	28.05	43	40.17	213	61.025	54	68.52	43	25.552	92	57.19	91	10.100	277	80.23	172
Juni 9	27.62	30	38.04	245	60.971	22	68.95	44	25.460	50	56.28	112	9.823	227	78.51	212
19	27.32	17	35.59	273	60.949	9	69.39	44	25.410	6	55.16	130	9.596	172	76.39	246
29	27.15	3	32.86	291	60.958	42	69.83	43	25.404	40	53.86	144	9.424	113	73.93	274
Juli 9	27.12	11	29.95	305	61.000	73	70.26	39	25.444	83	52.42	156	9.311	49	71.19	293
19	27.23	26	26.90	310	61.073	104	70.65	34	25.527	126	50.86	165	9.262	17	68.26	303
29	27.49	39	23.80	309	61.177	132	70.99	26	25.653	166	49.21	172	9.279	84	65.23	303
Aug. 8	27.88	51	20.71	301	61.309	160	71.25	14	25.819	206	47.49	175	9.363	152	62.20	294
18	28.39	64	17.70	289	61.469	187	71.39	1	26.025	241	45.74	176	9.515	218	59.26	274
28	29.03	75	14.81	270	61.656	211	71.40	16	26.266	276	43.98	176	9.733	281	56.52	242
Sept. 7	29.78	84	12.11	246	61.867	235	71.24	36	26.542	307	42.22	172	10.014	341	54.10	202
17	30.62	93	9.65	216	62.102	258	70.88	56	26.849	337	40.50	166	10.355	393	52.08	153
27	31.55	100	7.49	183	62.360	277	70.32	78	27.186	364	38.84	158	10.748	437	50.55	96
Okt. 7	32.55	106	5.66	144	62.637	294	69.54	98	27.550	385	37.26	146	11.185	471	49.59	34
17	33.61	109	4.22	103	62.931	308	68.56	119	27.935	404	35.80	131	11.656	493	49.25	32
27	34.70	111	3.19	56	63.239	318	67.37	135	28.339	415	34.49	111	12.149	500	49.57	98
Nov. 6	35.81	110	2.63	9	63.557	320	66.02	148	28.754	420	33.38	89	12.649	494	50.55	162
16	36.91	106	2.54	41	63.877	315	64.54	155	29.174	414	32.49	63	13.143	471	52.17	221
26	37.97	100	2.95	91	64.192	302	62.99	159	29.588	398	31.86	34	13.614	432	54.38	275
Dez. 6	38.97	92	3.86	137	64.494	282	61.40	155	29.986	371	31.52	3	14.046	380	57.13	319
16	39.89	79	5.23	182	64.776	251	59.85	147	30.357	332	31.49	28	14.426	315	60.32	352
26	40.68	64	7.05	219	65.027	212	58.38	134	30.689	283	31.77	59	14.741	239	63.84	375
36	41.32		9.24		65.239		57.04		30.972		32.36		14.980		67.59	
Mittl. Ort	25.60		29.95		59.533		73.68		23.613		53.22		10.959		59.07	
sec δ, tg δ	4.122		+3.998		1.014		+0.165		1.376		+0.946		1.959		−1.684	
a, *a′*	+7.6		−10.9		+3.3		−11.0		+4.1		−11.4		+1.2		−11.6	
b, *b′*	−0.14		− 0.84		−0.01		− 0.84		−0.04		− 0.82		+0.06		− 0.82	

Scheinbare Sternörter 1935

Tag	316) Br 1197				318) ϑ Chamael.				317) o Ursae maj.				320) Grb 1450			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1935	$8^h 22^m$		$-3° 41'$		$8^h 22^m$		$-77° 16'$		$8^h 24^m$		$+60° 55'$		$8^h 28^m$		$+38° 14'$	
Jan. 1	$26\overset{s}{.}922$	187	$36\overset{''}{.}04$	201	$41\overset{s}{.}55$	27	$22\overset{''}{.}98$	380	$57\overset{s}{.}16$	35	$65\overset{''}{.}69$	164	$44\overset{s}{.}662$	248	$19\overset{''}{.}79$	39
11	27.109	140	38.05	186	41.82	8	26.78	389	57.51	26	67.33	193	44.910	192	20.18	67
21	27.249	89	39.91	168	41.90	11	30.67	388	57.77	16	69.26	212	45.102	128	20.85	89
30	^{27}27.338	39	41.59	147	^{27}41.79	30	34.55	376	^{27}57.93	6	71.38	223	^{28}45.230	65	21.74	105
Feb. 9	27.377	9	43.06	124	41.49	46	38.31	357	57.99	4	73.61	223	45.295	2	22.79	116
19	27.368	54	44.30	99	41.03	61	41.88	327	57.95	13	75.84	213	45.297	57	23.95	120
März 1	27.314	91	45.29	77	40.42	74	45.15	293	57.82	20	77.97	195	45.240	107	25.15	116
11	27.223	121	46.06	53	39.68	85	48.08	251	57.62	27	79.92	168	45.133	147	26.31	108
21	27.102	140	46.59	31	38.83	94	50.59	205	57.35	32	81.60	133	44.986	177	27.39	93
31	26.962	152	46.90	11	37.89	99	52.64	157	57.03	35	82.93	95	44.809	193	28.32	74
Apr. 10	26.810	154	47.01	8	36.90	101	54.21	105	56.68	36	83.88	51	44.616	199	29.06	52
20	26.656	148	46.93	27	35.89	103	55.26	52	56.32	35	84.39	7	44.417	194	29.58	28
30	26.508	134	46.66	44	34.86	100	55.78	2	55.97	33	84.46	36	44.223	178	29.86	3
Mai 10	26.374	115	46.22	59	33.86	96	55.76	54	55.64	29	84.10	79	44.045	154	29.89	21
20	26.259	92	45.63	74	32.90	89	55.22	106	55.35	25	83.31	117	43.891	123	29.68	44
30	26.167	64	44.89	86	32.01	80	54.16	154	55.10	19	82.14	153	43.768	89	29.24	66
Juni 9	26.103	35	44.03	96	31.21	70	52.62	198	54.91	12	80.61	183	43.679	51	28.58	85
19	26.068	5	43.07	104	30.51	57	50.64	236	54.79	6	78.78	209	43.628	11	27.73	102
29	26.063	25	42.03	108	29.94	43	48.28	268	54.73	0	76.69	229	43.617	29	26.71	116
Juli 9	26.088	56	40.95	109	29.51	28	45.60	291	54.73	8	74.40	244	43.646	69	25.55	128
19	26.144	86	39.86	106	29.23	12	42.69	306	54.81	14	71.96	254	43.715	107	24.27	139
29	26.230	115	38.80	98	29.11	5	39.63	311	54.95	20	69.42	259	43.822	145	22.88	147
Aug. 8	26.345	143	37.82	85	29.16	22	36.52	305	55.15	27	66.83	259	43.967	180	21.41	153
18	26.488	170	36.97	67	29.38	39	33.47	288	55.42	32	64.24	254	44.147	215	19.88	158
28	26.658	196	36.30	45	29.77	54	30.59	262	55.74	38	61.70	245	44.362	246	18.30	161
Sept. 7	26.854	222	35.85	18	30.31	69	27.97	224	56.12	42	59.25	232	44.608	277	16.69	163
17	27.076	245	35.67	11	31.00	82	25.73	177	56.54	48	56.93	213	44.885	306	15.06	161
27	27.321	266	35.78	43	31.82	92	23.96	122	57.02	51	54.80	191	45.191	331	13.45	158
Okt. 7	27.587	285	36.21	77	32.74	100	22.74	61	57.53	54	52.89	165	45.522	355	11.87	152
17	27.872	301	36.98	109	33.74	103	22.13	4	58.07	57	51.24	133	45.877	374	10.35	141
27	28.173	310	38.07	139	34.77	105	22.17	70	58.64	59	49.91	99	46.251	387	8.94	129
Nov. 6	28.483	314	39.46	166	35.82	101	22.87	137	59.23	59	48.92	61	46.638	393	7.65	110
16	28.797	310	41.12	187	36.83	95	24.24	198	59.82	58	48.31	20	47.031	391	6.55	89
26	29.107	298	42.99	203	37.78	85	26.22	255	60.40	56	48.11	23	47.422	379	5.66	64
Dez. 6	29.405	278	45.02	210	38.63	71	28.77	302	60.96	52	48.34	65	47.801	355	5.02	36
16	29.683	248	47.12	213	39.34	57	31.79	340	61.48	46	48.99	107	48.156	322	4.66	7
26	29.931	210	49.25	207	39.91	39	35.19	368	61.94	39	50.06	144	48.478	277	4.59	23
36	30.141		51.32		40.30		38.87		62.33		51.50		48.755		4.82	
Mittl. Ort	24.830		35.42		37.30		31.80		52.89		74.45		41.843		26.88	
sec δ, tg δ	1.002		−0.065		4.540		−4.428		2.059		+1.799		1.273		+0.788	
a, a'	+3.0		−11.7		−1.7		−11.7		+5.0		−11.8		+3.9		−12.1	
b, b'	0.00		− 0.81		+0.17		− 0.81		−0.07		− 0.81		−0.03		− 0.80	

Obere Kulmination Greenwich

Tag	321) η Cancri AR.		321) η Cancri Dekl.		327) α Pyxidis AR.		327) α Pyxidis Dekl.		326) δ Cancri AR.		326) δ Cancri Dekl.		328) ι Cancri AR.		328) ι Cancri Dekl.	
1935	8h 28m		+20° 39′		8h 40m		−32° 56′		8h 40m		+18° 23′		8h 42m		+28° 59′	
Jan. 1	59.588	216	42.92	64	60.742	198	59.92	329	61.967	224	34.65	83	48.635	242	49.27	21
11	59.804	167	42.28	41	60.940	145	63.21	328	62.191	176	33.82	60	48.877	191	49.06	5
21	59.971	113	41.87	20	61.085	88	66.49	318	62.367	124	33.22	38	49.068	136	49.11	28
30*)	[23] 60.084	59	41.67	0	61.173	31	69.67	300	62.491	70	32.84	17	49.204	76	49.39	50
Feb. 9	60.143	5	41.67	16	[31] 61.204	23	72.67	275	[31] 62.561	17	32.67	2	[1] 49.280	20	49.89	65
19	60.148	43	41.83	31	61.181	73	75.42	246	62.578	32	32.69	18	49.300	33	50.54	76
März 1	60.105	86	42.14	38	61.108	116	77.88	211	62.546	74	32.87	30	49.267	80	51.30	82
11	60.019	119	42.52	45	60.992	150	79.99	174	62.472	109	33.17	37	49.187	118	52.12	81
21	59.900	142	42.97	45	60.842	176	81.73	135	62.363	134	33.54	41	49.069	147	52.93	76
31	59.758	157	43.42	43	60.666	192	83.08	94	62.229	149	33.95	43	48.922	163	53.69	68
Apr. 10	59.601	160	43.85	39	60.474	199	84.02	53	62.080	154	34.38	40	48.759	170	54.37	54
20	59.441	155	44.24	32	60.275	197	84.55	11	61.926	151	34.78	36	48.589	168	54.91	40
30	59.286	140	44.56	25	60.078	187	84.66	28	61.775	140	35.14	31	48.421	156	55.31	24
Mai 10	59.146	121	44.81	18	59.891	171	84.38	69	61.635	121	35.45	25	48.265	136	55.55	7
20	59.025	95	44.99	9	59.720	150	83.69	105	61.514	99	35.70	18	48.129	112	55.62	9
30	58.930	65	45.08	2	59.570	124	82.64	139	61.415	71	35.88	12	48.017	82	55.53	24
Juni 9	58.865	35	45.10	6	59.446	95	81.25	170	61.344	43	36.00	5	47.935	51	55.29	39
19	58.830	2	45.04	13	59.351	63	79.55	195	61.301	11	36.05	2	47.884	17	54.90	53
29	58.828	31	44.91	20	59.288	29	77.60	215	61.290	20	36.03	10	47.867	18	54.37	65
Juli 9	58.859	64	44.71	28	59.259	7	75.45	228	61.310	51	35.93	17	47.885	51	53.72	77
19	58.923	95	44.43	37	59.266	43	73.17	235	61.361	82	35.76	25	47.936	86	52.95	88
29	59.018	126	44.06	45	59.309	79	70.82	233	61.443	111	35.51	36	48.022	118	52.07	98
Aug. 8	59.144	155	43.61	55	59.388	116	68.49	222	61.554	141	35.15	46	48.140	150	51.09	108
18	59.299	184	43.06	66	59.504	152	66.27	203	61.695	169	34.69	59	48.290	181	50.01	117
28	59.483	210	42.40	78	59.656	189	64.24	177	61.864	197	34.10	72	48.471	210	48.84	125
Sept. 7	59.693	237	41.62	90	59.845	224	62.47	141	62.061	223	33.38	86	48.681	239	47.59	134
17	59.930	261	40.72	103	60.069	256	61.06	98	62.284	249	32.52	101	48.920	267	46.25	142
27	60.191	283	39.69	115	60.325	285	60.08	50	62.533	273	31.51	115	49.187	293	44.83	146
Okt. 7	60.474	304	38.54	125	60.610	312	59.58	3	62.806	295	30.36	128	49.480	316	43.37	150
17	60.778	321	37.29	133	60.922	331	59.61	57	63.101	314	29.08	139	49.796	336	41.87	149
27	61.099	334	35.96	139	61.253	344	60.18	112	63.415	327	27.69	147	50.132	351	40.38	146
Nov. 6	61.433	339	34.57	139	61.597	349	61.30	165	63.742	336	26.22	151	50.483	360	38.92	138
16	61.772	337	33.18	136	61.946	345	62.95	212	64.078	336	24.71	148	50.843	361	37.54	126
26	62.109	327	31.82	127	62.291	329	65.07	254	64.414	328	23.23	143	51.204	352	36.28	108
Dez. 6	62.436	308	30.55	114	62.620	305	67.61	287	64.742	311	21.80	131	51.556	334	35.20	88
16	62.744	278	29.41	97	62.925	270	70.48	310	65.053	283	20.49	115	51.890	306	34.32	64
26	63.022	240	28.44	77	63.195	227	73.58	326	65.336	247	19.34	96	52.196	267	33.68	37
36	63.262		27.67		63.422		76.84		65.583		18.38		52.463		33.31	
Mittl. Ort	57.217		47.67		58.769		64.11		59.673		39.73		46.135		56.17	
sec δ, tg δ	1.069		+0.377		1.192		−0.648		1.054		+0.333		1.143		+0.554	
a, a′	+3.5		−12.1		+2.4		−12.9		+3.4		−12.9		+3.6		−13.1	
b, b′	−0.02		−0.80		+0.03		−0.76		−0.01		−0.76		−0.02		−0.76	

*) Bei Stern 327), 326) und 328) lies Jan. 31

Scheinbare Sternörter 1935

Tag	330) δ Argus AR.	Δ	330) δ Argus Dekl.	Δ	334) ζ Hydrae AR.	Δ	334) ζ Hydrae Dekl.	Δ	336) c Carinae AR.	Δ	336) c Carinae Dekl.	Δ	335) ι Ursae maj. AR.	Δ	335) ι Ursae maj. Dekl.	Δ
1935	$8^h\,42^m$		−54° 28′		$8^h\,51^m$		+6° 11′		$8^h\,53^m$		−60° 23′		$8^h\,54^m$		+48° 17′	
Jan. 1	56.756	220	4.06	376	59.682	220	35.11	156	36.91	26	35.37	377	49.202	310	42.68	78
11	56.976	146	7.82	383	59.902	175	33.55	137	37.17	17	39.14	389	49.512	247	43.46	111
21	57.122	69	11.65	381	60.077	126	32.18	116	37.34	8	43.03	391	49.759	177	44.57	139
31	57.191	7	15.46	367	60.203	74	31.02	94	37.42	0	46.94	381	49.936	102	45.96	158
Feb. 9	[1] 57.184	80	19.13	346	[3] 60.277	24	30.08	72	[4] 37.42	9	50.75	363	[4] 50.038	29	47.54	171
19	57.104	147	22.59	316	60.301	23	29.36	51	37.33	17	54.38	337	50.067	42	49.25	174
März 1	56.957	204	25.75	282	60.278	63	28.85	31	37.16	23	57.75	303	50.025	104	50.99	170
11	56.753	251	28.57	240	60.215	97	28.54	14	36.93	30	60.78	264	49.921	156	52.69	157
21	56.502	286	30.97	195	60.118	122	28.40	0	36.63	33	63.42	220	49.765	197	54.26	137
31	56.216	311	32.92	148	59.996	137	28.40	13	36.30	37	65.62	173	49.568	224	55.63	111
Apr. 10	55.905	324	34.40	98	59.859	144	28.53	24	35.93	38	67.35	122	49.344	238	56.74	81
20	55.581	325	35.38	47	59.715	142	28.77	31	35.55	40	68.57	70	49.106	239	57.55	47
30	55.256	317	35.85	4	59.573	134	29.08	38	35.15	38	69.27	19	48.867	229	58.02	13
Mai 10	54.939	300	35.81	54	59.439	118	29.46	44	34.77	37	69.46	34	48.638	207	58.15	21
20	54.639	274	35.27	102	59.321	98	29.90	49	34.40	35	69.12	85	48.431	179	57.94	55
30	54.365	241	34.25	148	59.223	75	30.39	52	34.05	31	68.27	133	48.252	143	57.39	86
Juni 9	54.124	202	32.77	189	59.148	49	30.91	53	33.74	27	66.94	177	48.109	103	56.53	115
19	53.922	158	30.88	224	59.099	21	31.44	55	33.47	22	65.17	216	48.006	59	55.38	140
29	53.764	109	28.64	254	59.078	8	31.99	53	33.25	17	63.01	250	47.947	15	53.98	162
Juli 9	53.655	57	26.10	276	59.086	36	32.52	50	33.08	11	60.51	275	47.932	31	52.36	181
19	53.598	1	23.34	289	59.122	64	33.02	44	32.97	4	57.76	292	47.963	76	50.55	197
29	53.597	55	20.45	292	59.186	93	33.46	35	32.93	3	54.84	300	48.039	121	48.58	208
Aug. 8	53.652	114	17.53	287	59.279	121	33.81	22	32.96	10	51.84	298	48.160	164	46.50	216
18	53.766	171	14.66	271	59.400	148	34.03	8	33.06	16	48.86	285	48.324	206	44.34	221
28	53.937	229	11.95	243	59.548	176	34.11	10	33.22	24	46.01	261	48.530	247	42.13	222
Sept. 7	54.166	283	9.52	207	59.724	203	34.01	32	33.46	30	43.40	227	48.777	287	39.91	220
17	54.449	333	7.45	161	59.927	229	33.69	54	33.76	37	41.13	183	49.064	323	37.71	215
27	54.782	377	5.84	108	60.156	254	33.15	79	34.13	42	39.30	131	49.387	358	35.56	205
Okt. 7	55.159	413	4.76	48	60.410	277	32.36	103	34.55	47	37.99	72	49.745	390	33.51	192
17	55.572	440	4.28	15	60.687	296	31.33	126	35.02	49	37.27	8	50.135	416	31.59	173
27	56.012	454	4.43	80	60.983	312	30.07	147	35.51	52	37.19	57	50.551	437	29.86	151
Nov. 6	56.466	456	5.23	144	61.295	321	28.60	164	36.03	53	37.76	123	50.988	449	28.35	124
16	56.922	445	6.67	204	61.616	323	26.96	175	36.56	51	38.99	186	51.437	452	27.11	92
26	57.367	418	8.71	257	61.939	316	25.21	182	37.07	48	40.85	243	51.889	443	26.19	57
Dez. 6	57.785	378	11.28	304	62.255	301	23.39	182	37.55	44	43.28	292	52.332	422	25.62	20
16	58.163	326	14.32	339	62.556	276	21.57	176	37.99	38	46.20	334	52.754	388	25.42	19
26	58.489	263	17.71	365	62.832	242	19.81	165	38.37	30	49.54	363	53.142	341	25.61	55
36	58.752		21.36		63.074		18.16		38.67		53.17		53.483		26.16	
Mittl. Ort	54.545		11.52		57.590		38.49		34.59		43.91		46.068		53.16	
sec δ, tg δ	1.721		−1.400		1.006		+0.108		2.024		−1.760		1.503		+1.122	
a, *a'*	+1.7		−13.1		+3.2		−13.7		+1.4		−13.8		+4.2		−13.8	
b, *b'*	+0.06		− 0.76		0.00		− 0.73		+0.08		− 0.73		−0.05		− 0.72	

Tag	337) α Cancri AR.		Dekl.		339) 10 Ursae maj. AR.		Dekl.		341) κ Ursae maj. AR.		Dekl.		343) α Volantis AR.		Dekl.	
1935	$8^h\ 54^m$		$+12°\ 6'$		$8^h\ 56^m$		$+42°\ 2'$		$8^h\ 59^m$		$+47°\ 24'$		$9^h\ 1^m$		$-66°\ 8'$	
Jan. 1	$58^s.252$	229	$32''.93$	124	$28^s.601$	288	$18''.82$	43	$14^s.945$	313	$42''.79$	70	$28^s.03$	30	$1''.84$	375
11	58.481	182	31.69	103	28.889	231	19.25	75	15.258	251	43.49	105	28.33	20	5.59	391
21	58.663	133	30.66	80	29.120	167	20.00	102	15.509	181	44.54	132	28.53	9	9.50	396
31	58.796	81	29.86	58	29.287	99	21.02	124	15.690	109	45.86	153	28.62	1	13.46	391
Feb. 9	58.877	30	29.28	37	29.386	33	22.26	138	15.799	36	47.39	168	28.61	11	17.37	375
19	58.907	19	28.91	17	29.419	30	23.64	146	15.835	33	49.07	172	28.50	20	21.12	352
März 1	58.888	61	28.74	0	29.389	87	25.10	145	15.802	95	50.79	169	28.30	28	24.64	321
11	58.827	95	28.74	12	29.302	134	26.55	136	15.707	148	52.48	157	28.02	36	27.85	283
21	58.732	121	28.86	23	29.168	170	27.91	122	15.559	187	54.05	138	27.66	41	30.68	241
31	58.611	138	29.09	30	28.998	194	29.13	102	15.372	216	55.43	115	27.25	45	33.09	194
Apr. 10	58.473	145	29.39	35	28.804	207	30.15	77	15.156	230	56.58	84	26.80	48	35.03	144
20	58.328	144	29.74	37	28.597	207	30.92	50	14.926	233	57.42	53	26.32	49	36.47	92
30	58.184	135	30.11	38	28.390	197	31.42	21	14.693	222	57.95	19	25.83	49	37.39	39
Mai 10	58.049	120	30.49	38	28.193	179	31.63	8	14.471	204	58.14	15	25.34	47	37.78	15
20	57.929	100	30.87	36	28.014	152	31.55	37	14.267	175	57.99	48	24.87	45	37.63	67
30	57.829	76	31.23	34	27.862	121	31.18	63	14.092	142	57.51	80	24.42	41	36.96	117
Juni 9	57.753	50	31.57	32	27.741	85	30.55	89	13.950	103	56.71	108	24.01	37	35.79	165
19	57.703	22	31.89	28	27.656	47	29.66	111	13.847	61	55.63	134	23.64	31	34.14	206
29	57.681	7	32.17	23	27.609	7	28.55	131	13.786	18	54.29	156	23.33	24	32.08	243
Juli 9	57.688	36	32.40	17	27.602	33	27.24	149	13.768	27	52.73	176	23.09	17	29.65	271
19	57.724	65	32.57	9	27.635	73	25.75	163	13.795	70	50.97	191	22.92	9	26.94	292
29	57.789	94	32.66	1	27.708	112	24.12	175	13.865	114	49.06	204	22.83	1	24.02	303
Aug. 8	57.883	122	32.65	12	27.820	150	22.37	185	13.979	157	47.02	212	22.82	7	20.99	303
18	58.005	150	32.53	27	27.970	187	20.52	192	14.136	199	44.90	218	22.89	17	17.96	295
28	58.155	178	32.26	43	28.157	224	18.60	196	14.335	238	42.72	221	23.06	26	15.01	273
Sept. 7	58.333	205	31.83	61	28.381	259	16.64	198	14.573	277	40.51	220	23.32	34	12.28	242
17	58.538	231	31.22	81	28.640	293	14.66	196	14.850	315	38.31	216	23.66	42	9.86	200
27	58.769	257	30.41	100	28.933	324	12.70	193	15.165	350	36.15	207	24.08	49	7.86	150
Okt. 7	59.026	280	29.41	120	29.257	354	10.77	184	15.515	381	34.08	195	24.57	54	6.36	92
17	59.306	301	28.21	137	29.611	378	8.93	173	15.896	409	32.13	178	25.11	59	5.44	28
27	59.607	317	26.84	151	29.989	398	7.20	155	16.305	430	30.35	156	25.70	62	5.16	38
Nov. 6	59.924	327	25.33	162	30.387	410	5.65	135	16.735	443	28.79	130	26.32	62	5.54	105
16	60.251	329	23.71	167	30.797	413	4.30	109	17.178	447	27.49	99	26.94	60	6.59	169
26	60.580	324	22.04	168	31.210	407	3.21	79	17.625	440	26.50	64	27.54	57	8.28	229
Dez. 6	60.904	309	20.36	161	31.617	388	2.42	47	18.065	420	25.86	28	28.11	52	10.57	281
16	61.213	284	18.75	152	32.005	357	1.95	12	18.485	388	25.58	11	28.63	45	13.38	326
26	61.497	251	17.23	135	32.362	316	1.83	23	18.873	342	25.69	48	29.08	36	16.64	359
36	61.748		15.88		32.678		2.06		19.215		26.17		29.44		20.23	
Mittl. Ort	56.099		37.60		25.758		28.64		11.880		53.54		25.51		11.28	
sec δ, tg δ	1.023		+0.215		1.346		+0.902		1.478		+1.088		2.472		−2.260	
a, *a'*	+3.3		−13.9		+3.9		−13.9		+4.1		−14.1		+1.0		−14.3	
b, *b'*	−0.01		−0.72		−0.04		−0.72		−0.05		−0.71		+0.11		−0.70	

Tag	344) σ² Ursae maj. AR.		Dekl.		345) λ Argus AR.		Dekl.		347) ϑ Hydrae AR.		Dekl.		348) β Argus AR.		Dekl.	
1935	9h 4m		+67° 23′		9h 5m		−43° 10′		9h 10m		+2° 35′		9h 12m		−69° 26′	
Jan. 1	46.96	49	47.81	161	38.099	236	3.56	352	61.047	234	18.74	181	32.31	36	47.24	369
11	47.45	39	49.42	199	38.335	177	7.08	359	61.281	190	16.93	164	32.67	24	50.93	388
21	47.84	28	51.41	228	38.512	115	10.67	356	61.471	142	15.29	143	32.91	13	54.81	396
31	48.12	15	53.69	247	38.627	51	14.23	345	61.613	92	13.86	121	33.04	1	58.77	395
Feb. 9	7 48.27	3	56.16	255	7 38.678	10	17.68	324	8 61.705	41	12.65	98	8 33.05	11	62.72	383
19	48.30	9	58.71	253	38.668	66	20.92	298	61.746	5	11.67	75	32.94	21	66.55	363
März 1	48.21	19	61.24	239	38.602	117	23.90	265	61.741	47	10.92	52	32.73	31	70.18	334
11	48.02	29	63.63	215	38.485	159	26.55	228	61.694	83	10.40	33	32.42	39	73.52	300
21	47.73	36	65.78	182	38.326	191	28.83	187	61.611	108	10.07	14	32.03	46	76.52	258
31	47.37	42	67.60	143	38.135	213	30.70	144	61.503	127	9.93	1	31.57	51	79.10	214
Apr. 10	46.95	45	69.03	98	37.922	228	32.14	99	61.376	137	9.94	15	31.06	55	81.24	165
20	46.50	47	70.01	51	37.694	231	33.13	53	61.239	137	10.09	26	30.51	57	82.89	112
30	46.03	45	70.52	0	37.463	228	33.66	7	61.102	132	10.35	37	29.94	57	84.01	60
Mai 10	45.58	42	70.52	48	37.235	216	33.73	38	60.970	120	10.72	46	29.37	56	84.61	5
20	45.16	38	70.04	95	37.019	198	33.35	82	60.850	104	11.18	53	28.81	54	84.66	48
30	44.78	33	69.09	138	36.821	175	32.53	124	60.746	82	11.71	59	28.27	50	84.18	99
Juni 9	44.45	27	67.71	178	36.646	147	31.29	161	60.664	60	12.30	64	27.77	46	83.19	148
19	44.18	19	65.93	213	36.499	115	29.68	194	60.604	35	12.94	66	27.31	39	81.71	193
29	43.99	10	63.80	242	36.384	79	27.74	223	60.569	8	13.60	66	26.92	32	79.78	232
Juli 9	43.89	4	61.38	266	36.305	42	25.51	243	60.561	18	14.26	64	26.60	23	77.46	263
19	43.85	6	58.72	283	36.263	1	23.08	256	60.579	46	14.90	59	26.37	15	74.83	287
29	43.91	13	55.89	295	36.262	42	20.52	261	60.625	73	15.49	51	26.22	5	71.96	302
Aug. 8	44.04	21	52.94	302	36.304	85	17.91	257	60.698	101	16.00	39	26.17	5	68.94	306
18	44.25	29	49.92	302	36.389	129	15.34	243	60.799	129	16.39	24	26.22	15	65.88	300
28	44.54	37	46.90	296	36.518	174	12.91	220	60.928	157	16.63	4	26.37	25	62.88	283
Sept. 7	44.91	44	43.94	286	36.692	219	10.71	187	61.085	185	16.67	18	26.62	36	60.05	254
17	45.35	50	41.08	270	36.911	260	8.84	146	61.270	214	16.49	43	26.98	45	57.51	216
27	45.85	57	38.38	247	37.171	299	7.38	97	61.484	240	16.06	70	27.43	54	55.35	167
Okt. 7	46.42	61	35.91	220	37.470	333	6.41	43	61.724	266	15.36	97	27.97	60	53.68	111
17	47.03	67	33.71	187	37.803	361	5.98	16	61.990	289	14.39	124	28.57	66	52.57	49
27	47.70	70	31.84	149	38.164	380	6.14	75	62.279	306	13.15	148	29.23	70	52.08	17
Nov. 6	48.40	71	30.35	106	38.544	390	6.89	135	62.585	320	11.67	169	29.93	70	52.25	84
16	49.11	72	29.29	60	38.934	388	8.24	191	62.905	324	9.98	185	30.63	69	53.09	150
26	49.83	71	28.69	11	39.322	375	10.15	241	63.229	321	8.13	196	31.32	66	54.59	211
Dez. 6	50.54	67	28.58	40	39.697	351	12.56	283	63.550	308	6.17	199	31.98	60	56.70	266
16	51.21	62	28.98	89	40.048	313	15.39	318	63.858	286	4.18	197	32.58	52	59.36	313
26	51.83	54	29.87	136	40.361	267	18.57	342	64.144	254	2.21	189	33.10	42	62.49	350
36	52.37		31.23		40.628		21.99		64.398		0.32		33.52		65.99	
Mittl. Ort	42.07		60.93		36.166		9.84		59.058		22.09		29.68		57.40	
sec δ, tg δ	2.602		+2.402		1.371		−0.938		1.001		+0.045		2.849		−2.667	
a, *a'*	+5.3		−14.5		+2.2		−14.5		+3.1		−14.8		+0.7		−14.9	
b, *b'*	−0.12		−0.69		+0.05		−0.69		0.00		−0.67		+0.13		−0.67	

Tag	350) 83 Cancri AR.	Δ	350) 83 Cancri Dekl.	Δ	352) 40 Lyncis AR.	Δ	352) 40 Lyncis Dekl.	Δ
1935	$9^h 15^m$		+17° 58′		$9^h 17^m$		+34° 39′	
Jan. 1	23.589	252	47.98	101	8.589	286	56.37	10
11	23.841	208	46.97	75	8.875	236	56.27	22
21	24.049	157	46.22	50	9.111	179	56.49	52
31	24.206	105	45.72	26	9.290	119	57.01	77
Feb. 9*)	24.311	51	45.46	3	9.409	58	57.78	98
19	24.362	2	45.43	17	9.467	1	58.76	112
März 1	24.364	44	45.60	31	9.466	53	59.88	119
11	24.320	82	45.91	43	9.413	97	61.07	119
21	24.238	111	46.34	50	9.316	134	62.26	112
31	24.127	131	46.84	52	9.182	158	63.38	102
Apr. 10	23.996	143	47.36	52	9.024	173	64.40	84
20	23.853	145	47.88	49	8.851	176	65.24	66
30	23.708	140	48.37	43	8.675	172	65.90	43
Mai 10	23.568	128	48.80	37	8.503	158	66.33	20
20	23.440	109	49.17	29	8.345	139	66.53	4
30	23.331	89	49.46	20	8.206	113	66.49	26
Juni 9	23.242	64	49.66	12	8.093	85	66.23	48
19	23.178	38	49.78	3	8.008	54	65.75	70
29	23.140	9	49.81	7	7.954	20	65.05	88
Juli 9	23.131	18	49.74	16	7.934	13	64.17	106
19	23.149	48	49.58	28	7.947	47	63.11	122
29	23.197	76	49.30	40	7.994	82	61.89	137
Aug. 8	23.273	105	48.90	52	8.076	115	60.52	150
18	23.378	133	48.38	67	8.191	148	59.02	161
28	23.511	163	47.71	81	8.339	183	57.41	171
Sept. 7	23.674	192	46.90	98	8.522	215	55.70	178
17	23.866	221	45.92	114	8.737	249	53.92	185
27	24.087	249	44.78	129	8.986	280	52.07	188
Okt. 7	24.336	276	43.49	144	9.266	310	50.19	188
17	24.612	299	42.05	156	9.576	336	48.31	183
27	24.911	320	40.49	166	9.912	359	46.48	176
Nov. 6	25.231	333	38.83	169	10.271	374	44.72	162
16	25.564	340	37.14	169	10.645	383	43.10	145
26	25.904	338	35.45	164	11.028	380	41.65	121
Dez. 6	26.242	326	33.81	151	11.408	368	40.44	93
16	26.568	305	32.30	135	11.776	344	39.51	63
26	26.873	273	30.95	115	12.120	309	38.88	30
36	27.146		29.80		12.429		38.58	
Mittl. Ort	21.429		54.86		6.090		66.60	
sec δ, tg δ	1.051		+0.325		1.216		+0.692	
a, *a'*	+3.4		−15.1		+3.7		−15.2	
b, *b'*	−0.02		− 0.66		−0.03		− 0.65	

Tag	353) κ Argus AR.	Δ	353) κ Argus Dekl.	Δ	354) α Hydrae AR.	Δ	354) α Hydrae Dekl.	Δ
1935	$9^h 20^m$		−54° 43′		$9^h 24^m$		−8° 22′	
Jan. 1	7.952	283	48.55	363	25.494	239	34.62	235
11	8.235	213	52.18	378	25.733	196	36.97	224
21	8.448	137	55.96	383	25.929	148	39.21	208
31	8.585	61	59.79	378	26.077	99	41.29	188
Feb. 9*)	8.646	13	63.57	363	26.176	49	43.17	165
19	8.633	83	67.20	341	26.225	2	44.82	139
März 1	8.550	144	70.61	310	26.227	40	46.21	114
11	8.406	198	73.71	275	26.187	75	47.35	88
21	8.208	241	76.46	235	26.112	103	48.23	63
31	7.967	274	78.81	190	26.009	123	48.86	38
Apr. 10	7.693	294	80.71	143	25.886	134	49.24	15
20	7.399	306	82.14	94	25.752	138	49.39	6
30	7.093	307	83.08	43	25.614	135	49.33	27
Mai 10	6.786	299	83.51	7	25.479	125	49.06	45
20	6.487	283	83.44	57	25.354	111	48.61	63
30	6.204	261	82.87	105	25.243	94	47.98	79
Juni 9	5.943	229	81.82	149	25.149	73	47.19	92
19	5.714	194	80.33	189	25.076	50	46.27	103
29	5.520	152	78.44	224	25.026	25	45.24	111
Juli 9	5.368	106	76.20	252	25.001	0	44.13	114
19	5.262	55	73.68	273	25.001	27	42.99	114
29	5.207	0	70.95	283	25.028	54	41.85	110
Aug. 8	5.207	57	68.12	286	25.082	83	40.75	99
18	5.264	116	65.26	277	25.165	112	39.76	85
28	5.380	177	62.49	258	25.277	141	38.91	64
Sept. 7	5.557	235	59.91	229	25.418	171	38.27	38
17	5.792	292	57.62	189	25.589	202	37.89	9
27	6.084	345	55.73	142	25.791	231	37.80	24
Okt. 7	6.429	390	54.31	87	26.022	258	38.04	59
17	6.819	428	53.44	26	26.280	283	38.63	96
27	7.247	454	53.18	37	26.563	304	39.59	130
Nov. 6	7.701	468	53.55	102	26.867	318	40.89	163
16	8.169	468	54.57	164	27.185	325	42.52	190
26	8.637	452	56.21	221	27.510	322	44.42	213
Dez. 6	9.089	422	58.42	272	27.832	312	46.55	228
16	9.511	379	61.14	315	28.144	289	48.83	236
26	9.890	322	64.29	347	28.433	260	51.19	237
36	10.212		67.76		28.693		53.56	
Mittl. Ort	5.945		57.03		23.638		33.44	
sec δ, tg δ	1.732		−1.414		1.011		−0.147	
a, *a'*	+1.9		−15.4		+2.9		−15.6	
b, *b'*	+0.07		− 0.64		+0.01		− 0.63	

*) Bei Stern 352), 353) und 354) lies Feb. 10

Scheinbare Sternörter 1935

Tag	355) *h* Ursae maj. AR.		355) *h* Ursae maj. Dekl.		359) ψ Argus AR.		359) ψ Argus Dekl.		358) ϑ Ursae maj. AR.		358) ϑ Ursae maj. Dekl.		357) *d* Ursae maj. AR.		357) *d* Ursae maj. Dekl.	
1935	$9^h 26^m$		$+63° 20'$		$9^h 28^m$		$-40° 10'$		$9^h 28^m$		$+51° 57'$		$9^h 28^m$		$+70° 6'$	
	s		″		s		″		s		″		s		″	
Jan. 1	29.72	47	36.01	124	10.068	258	46.86	338	34.463	366	74.98	69	51.37	59	47.73	150
11	30.19	38	37.25	166	10.326	205	50.24	348	34.829	304	75.67	108	51.96	48	49.23	192
21	30.57	29	38.91	200	10.531	146	53.72	348	35.133	232	76.75	143	52.44	36	51.15	227
31	30.86	19	40.91	225	10.677	86	57.20	338	35.365	154	78.18	169	52.80	23	53.42	252
Feb. 10	31.05	8	43.16	241	10.763	27	60.58	321	35.519	76	79.87	189	53.03	9	55.94	265
19	31.13	2	45.57	245	10.790	29	63.79	298	35.595	1	81.76	198	53.12	5	58.59	268
März 1	31.11	12	48.02	239	10.761	79	66.77	267	35.594	72	83.74	198	53.07	17	61.27	260
11	30.99	20	50.41	223	10.682	122	69.44	233	35.522	134	85.72	189	52.90	28	63.87	239
21	30.79	28	52.64	196	10.560	156	71.77	195	35.388	185	87.61	171	52.62	37	66.26	209
31	30.51	32	54.60	163	10.404	181	73.72	155	35.203	223	89.32	147	52.25	45	68.35	171
Apr. 10	30.19	36	56.23	122	10.223	198	75.27	113	34.980	246	90.79	115	51.80	50	70.06	127
20	29.83	38	57.45	79	10.025	206	76.40	69	34.734	258	91.94	81	51.30	52	71.33	79
30	29.45	38	58.24	33	9.819	206	77.09	25	34.476	256	92.75	44	50.78	52	72.12	28
Mai 10	29.07	36	58.57	14	9.613	199	77.34	19	34.220	243	93.19	5	50.26	51	72.40	23
20	28.71	33	58.43	61	9.414	186	77.15	61	33.977	221	93.24	34	49.75	47	72.17	74
30	28.38	29	57.82	105	9.228	168	76.54	101	33.756	191	92.90	71	49.28	42	71.43	121
Juni 9	28.09	25	56.77	145	9.060	145	75.53	139	33.565	155	92.19	106	48.86	36	70.22	165
19	27.84	18	55.32	182	8.915	119	74.14	172	33.410	115	91.13	139	48.50	28	68.57	204
29	27.66	12	53.50	215	8.796	88	72.42	201	33.295	71	89.74	167	48.22	20	66.53	239
Juli 9	27.54	6	51.35	241	8.708	54	70.41	222	33.224	26	88.07	192	48.02	12	64.14	267
19	27.48	1	48.94	264	8.654	19	68.19	238	33.198	21	86.15	213	47.90	2	61.47	289
29	27.49	7	46.30	280	8.635	19	65.81	246	33.219	68	84.02	231	47.88	7	58.58	307
Aug. 8	27.56	15	43.50	292	8.654	59	63.35	244	33.287	115	81.71	244	47.95	16	55.51	316
18	27.71	21	40.58	297	8.713	102	60.91	234	33.402	161	79.27	252	48.11	24	52.35	322
28	27.92	27	37.61	298	8.815	145	58.57	214	33.563	208	76.75	259	48.35	34	49.13	319
Sept. 7	28.19	33	34.63	293	8.960	188	56.43	186	33.771	253	74.16	259	48.69	42	45.94	312
17	28.52	40	31.70	282	9.148	230	54.57	148	34.024	298	71.57	255	49.11	49	42.82	297
27	28.92	46	28.88	266	9.378	271	53.09	103	34.322	340	69.02	247	49.60	58	39.85	278
Okt. 7	29.38	50	26.22	243	9.649	308	52.06	52	34.662	381	66.55	233	50.18	64	37.07	251
17	29.88	56	23.79	216	9.957	338	51.54	4	35.043	416	64.22	215	50.82	70	34.56	218
27	30.44	59	21.63	182	10.295	363	51.58	61	35.459	445	62.07	191	51.52	75	32.38	181
Nov. 6	31.03	61	19.81	144	10.658	378	52.19	119	35.904	468	60.16	161	52.27	79	30.57	137
16	31.64	63	18.37	99	11.036	383	53.38	173	36.372	479	58.55	127	53.06	79	29.20	88
26	32.27	63	17.38	52	11.419	376	55.11	224	36.851	479	57.28	87	53.85	79	28.32	37
Dez. 6	32.90	60	16.86	3	11.795	357	57.35	267	37.330	465	56.41	46	54.64	77	27.95	17
16	33.50	57	16.83	48	12.152	327	60.02	301	37.795	436	55.95	1	55.41	71	28.12	69
26	34.07	50	17.31	96	12.479	287	63.03	327	38.231	394	55.94	42	56.12	64	28.81	121
36	34.57		18.27		12.766		66.30		38.625		56.36		56.76		30.02	
Mittl. Ort	25.64		50.86		8.261		52.88		31.340		88.77		46.24		63.29	
sec δ, tg δ	2.229		+1.992		1.309		−0.845		1.623		+1.279		2.940		+2.765	
a, *a′*	+4.7		−15.7		+2.4		−15.8		+4.1		−15.8		+5.3		−15.8	
b, *b′*	−0.10		−0.62		+0.04		−0.62		−0.07		−0.61		−0.15		−0.61	

Tag	360) 10 Leonis min. AR.		Dekl.		366) ϑ Antliae AR.		Dekl.		367) ε Leonis AR.		Dekl.		369) υ Argus AR.		Dekl.	
1935	9h 30m		+36° 40′		9h 41m		−27° 28′		9h 42m		+24° 3′		9h 45m		−64° 46′	
	s		″		s		″		s		″		s		″	
Jan. 1	17.411	304	62.45	9	19.894	258	12.79	303	12.108	282	78.20	82	30.77	39	1.73	351
11	17.715	254	62.36	26	20.152	213	15.82	307	12.390	241	77.38	52	31.16	30	5.24	376
21	17.969	198	62.62	59	20.365	162	18.89	302	12.631	190	76.86	22	31.46	21	9.00	391
31	18.167	136	63.21	86	20.527	109	21.91	289	12.821	137	76.64	6	31.67	11	12.91	395
Feb. 10	18.303	75	64.07	108	20.636	56	24.80	270	12.958	82	76.70	32	31.78	2	16.86	388
19	18.378	15	65.15	124	20.692	5	27.50	246	13.040	29	77.02	53	31.80	8	20.74	374
März 1	18.393	41	66.39	132	20.697	40	29.96	217	13.069	19	77.55	68	31.72	16	24.48	351
11	18.352	88	67.71	133	20.657	79	32.13	187	13.050	62	78.23	78	31.56	24	27.99	320
21	18.264	127	69.04	127	20.578	111	34.00	153	12.988	97	79.01	83	31.32	30	31.19	283
31	18.137	154	70.31	115	20.467	135	35.53	119	12.891	121	79.84	83	31.02	35	34.02	242
Apr. 10	17.983	172	71.46	97	20.332	150	36.72	83	12.770	138	80.67	78	30.67	39	36.44	197
20	17.811	178	72.43	77	20.182	158	37.55	48	12.632	146	81.45	69	30.28	41	38.41	147
30	17.633	177	73.20	53	20.024	158	38.03	11	12.486	144	82.14	58	29.87	43	39.88	95
Mai 10	17.456	165	73.73	27	19.866	154	38.14	23	12.342	137	82.72	45	29.44	43	40.83	43
20	17.291	149	74.00	1	19.712	143	37.91	56	12.205	124	83.17	30	29.01	42	41.26	10
30	17.142	125	74.01	24	19.569	128	37.35	89	12.081	105	83.47	14	28.59	41	41.16	62
Juni 9	17.017	98	73.77	49	19.441	110	36.46	117	11.976	84	83.61	1	28.18	37	40.54	112
19	16.919	68	73.28	73	19.331	87	35.29	143	11.892	60	83.60	16	27.81	33	39.42	160
29	16.851	35	72.55	94	19.244	64	33.86	164	11.832	34	83.44	32	27.48	28	37.82	201
Juli 9	16.816	2	71.61	115	19.180	36	32.22	181	11.798	6	83.12	48	27.20	23	35.81	236
19	16.814	32	70.46	133	19.144	8	30.41	191	11.792	21	82.64	62	26.97	16	33.45	266
29	16.846	66	69.13	149	19.136	23	28.50	195	11.813	51	82.02	78	26.81	8	30.79	286
Aug. 8	16.912	100	67.64	163	19.159	55	26.55	192	11.864	79	81.24	93	26.73	1	27.93	296
18	17.012	136	66.01	177	19.214	89	24.63	180	11.943	110	80.31	109	26.72	7	24.97	297
28	17.148	170	64.24	186	19.303	126	22.83	162	12.053	141	79.22	123	26.79	16	22.00	285
Sept. 7	17.318	206	62.38	195	19.429	161	21.21	135	12.194	172	77.99	138	26.95	24	19.15	264
17	17.524	240	60.43	201	19.590	198	19.86	101	12.366	204	76.61	152	27.19	33	16.51	231
27	17.764	274	58.42	204	19.788	234	18.85	62	12.570	236	75.09	165	27.52	41	14.20	189
Okt. 7	18.038	306	56.38	203	20.022	268	18.23	15	12.806	267	73.44	176	27.93	47	12.31	137
17	18.344	336	54.35	198	20.290	298	18.08	32	13.073	295	71.68	183	28.40	54	10.94	79
27	18.680	360	52.37	189	20.588	322	18.40	82	13.368	320	69.85	186	28.94	57	10.15	15
Nov. 6	19.040	380	50.48	173	20.910	340	19.22	131	13.688	339	67.99	185	29.51	60	10.00	51
16	19.420	390	48.75	153	21.250	348	20.53	176	14.027	352	66.14	178	30.11	61	10.51	117
26	19.810	391	47.22	129	21.598	347	22.29	218	14.379	354	64.36	167	30.72	60	11.68	180
Dez. 6	20.201	381	45.93	98	21.945	335	24.47	252	14.733	348	62.69	148	31.32	56	13.48	237
16	20.582	359	44.95	65	22.280	313	26.99	278	15.081	330	61.21	126	31.88	51	15.85	288
26	20.941	326	44.30	31	22.593	281	29.77	296	15.411	302	59.95	99	32.39	44	18.73	329
36	21.267		43.99		22.874		32.73		15.713		58.96		32.83		22.02	
Mittl. Ort	14.924		73.96		18.172		16.05		9.969		87.87		28.68		12.28	
sec δ, tg δ	1.247		+0.745		1.127		−0.520		1.095		+0.447		2.346		−2.122	
a, *a′*	+3.7		−15.9		+2.7		−16.5		+3.4		−16.5		+1.5		−16.7	
b, *b′*	−0.04		−0.61		+0.03		−0.57		−0.02		−0.57		+0.12		−0.55	

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Tag	368) υ Ursae maj. AR.	Diff.	368) Dekl.	Diff.	370) 6 Sextantis AR.	Diff.	370) Dekl.	Diff.	372) Grb 1586 AR.	Diff.	372) Dekl.	Diff.	378) π Leonis AR.	Diff.	378) Dekl.	Diff.
1935	9h 46m		+59° 20′		9h 47m		−3° 56′		9h 52m		+73° 10′		9h 56m		+8° 20′	
Jan. 1	26.626s	447	27.99″	86	59.339s	259	19.54″	217	42.46s	73	65.50″	136	48.692s	272	78.21″	166
11	27.073	376	28.85	132	59.598	220	21.71	206	43.19	61	66.86	183	48.964	234	76.55	144
21	27.449	296	30.17	169	59.818	173	23.77	188	43.80	47	68.69	223	49.198	189	75.11	120
31	27.745	206	31.86	201	59.991	125	25.65	167	44.27	32	70.92	254	49.387	140	73.91	95
Feb. 10	27.951	114	33.87	222	60.116	76	27.32	143	44.59	17	73.46	273	49.527	90	72.96	68
19*)	[17] 28.065	21	36.09	232	[17] 60.192	28	28.75	118	[19] 44.76	1	76.19	280	49.617	41	72.28	44
März 1	28.086	65	38.41	234	60.220	15	29.93	93	44.77	14	78.99	276	[20] 49.658	3	71.84	22
11	28.021	143	40.75	223	60.205	52	30.86	69	44.63	27	81.75	260	49.655	43	71.62	3
21	27.878	209	42.98	204	60.153	83	31.55	46	44.36	40	84.35	234	49.612	75	71.59	14
31	27.669	260	45.02	176	60.070	104	32.01	25	43.96	49	86.69	197	49.537	99	71.73	27
Apr. 10	27.409	295	46.78	142	59.966	120	32.26	6	43.47	57	88.66	155	49.438	115	72.00	36
20	27.114	316	48.20	102	59.846	126	32.32	12	42.90	61	90.21	106	49.323	124	72.36	42
30	26.798	323	49.22	59	59.720	127	32.20	28	42.29	62	91.27	55	49.199	125	72.78	47
Mai 10	26.475	313	49.81	15	59.593	122	31.92	42	41.67	63	91.82	1	49.074	121	73.25	50
20	26.162	294	49.96	30	59.471	111	31.50	55	41.04	59	91.83	51	48.953	111	73.75	50
30	25.868	263	49.66	74	59.360	97	30.95	66	40.45	55	91.32	103	48.842	97	74.25	48
Juni 9	25.605	226	48.92	114	59.263	79	30.29	75	39.90	49	90.29	150	48.745	80	74.73	47
19	25.379	180	47.78	153	59.184	59	29.54	83	39.41	41	88.79	194	48.665	61	75.20	43
29	25.199	131	46.25	186	59.125	38	28.71	87	39.00	32	86.85	233	48.604	40	75.63	38
Juli 9	25.068	78	44.39	217	59.087	15	27.84	88	38.68	23	84.52	266	48.564	17	76.01	31
19	24.990	23	42.22	242	59.072	10	26.96	87	38.45	13	81.86	293	48.547	7	76.32	22
29	24.967	33	39.80	263	59.082	35	26.09	80	38.32	2	78.93	315	48.554	33	76.54	11
Aug. 8	25.000	91	37.17	278	59.117	62	25.29	71	38.30	9	75.78	330	48.587	59	76.65	1
18	25.091	149	34.39	289	59.179	90	24.58	56	38.39	19	72.48	338	48.646	86	76.64	18
28	25.240	206	31.50	294	59.269	120	24.02	37	38.58	30	69.10	339	48.732	115	76.46	36
Sept. 7	25.446	262	28.56	295	59.389	151	23.65	14	38.88	40	65.71	335	48.847	146	76.10	56
17	25.708	319	25.61	290	59.540	182	23.51	13	39.28	50	62.36	324	48.993	177	75.54	78
27	26.027	373	22.71	278	59.722	213	23.64	43	39.78	59	59.12	306	49.170	209	74.76	101
Okt. 7	26.400	424	19.93	262	59.935	243	24.07	74	40.37	68	56.06	280	49.379	240	73.75	124
17	26.824	469	17.31	239	60.178	272	24.81	106	41.05	76	53.26	250	49.619	269	72.51	146
27	27.293	508	14.92	210	60.450	295	25.87	137	41.81	83	50.76	211	49.888	294	71.05	165
Nov. 6	27.801	539	12.82	176	60.745	314	27.24	166	42.64	88	48.65	167	50.182	315	69.40	181
16	28.340	558	11.06	135	61.059	325	28.90	189	43.52	90	46.98	117	50.497	328	67.59	192
26	28.898	561	9.71	90	61.384	328	30.79	207	44.42	92	45.81	64	50.825	334	65.67	198
Dez. 6	29.459	551	8.81	42	61.712	321	32.86	219	45.34	89	45.17	8	51.159	329	63.69	196
16	30.010	523	8.39	9	62.033	304	35.05	224	46.23	85	45.09	49	51.488	314	61.73	188
26	30.533	477	8.48	57	62.337	277	37.29	222	47.08	78	45.58	103	51.802	289	59.85	176
36	31.010		9.05		62.614		39.51		47.86		46.61		52.091		58.09	
Mittl. Ort	23.141		44.15		57.553		16.67		36.96		83.37		46.839		84.66	
sec δ, tg δ	1.961		+1.687		1.002		−0.069		3.458		+3.310		1.011		+0.147	
a, *a′*	+4.3		−16.7		+3.0		−16.8		+5.4		−17.0		+3.2		−17.2	
b, *b′*	−0.09		−0.55		0.00		−0.54		−0.19		−0.53		−0.01		−0.51	

*) Bei Stern 378) lies Feb. 20

Tag	379) η Leonis AR.	Δ	Dekl.	Δ	380) α Leonis AR.	Δ	Dekl.	Δ	381) λ Hydrae AR.	Δ	Dekl.	Δ	382) q Velorum AR.	Δ	Dekl.	Δ
1935	10h 3m		+17° 4′		10h 4m		+12° 16′		10h 7m		−12° 1′		10h 12m		−41° 47′	
Jan. 1	49.436 s	287	40.18″	128	56.631 s	282	60.14″	150	26.814 s	272	56.56″	250	1.748 s	311	50.73″	322
11	49.723	248	38.90	100	56.913	243	58.64	126	27.086	234	59.06	244	2.059	262	53.95	339
21	49.971	203	37.90	72	57.156	199	57.38	100	27.320	190	61.50	233	2.321	207	57.34	346
31	50.174	153	37.18	42	57.355	150	56.38	72	27.510	141	63.83	215	2.528	148	60.80	344
Feb. 10	50.327	101	36.76	15	57.505	100	55.66	46	27.651	92	65.98	193	2.676	89	64.24	335
20	50.428	51	36.61	9	57.605	50	55.20	20	27.743	45	67.91	169	2.765	31	67.59	316
März 1	[21] 50.479	4	36.70	30	[22] 57.655	4	55.00	1	[22] 27.788	0	69.60	143	[24] 2.796	22	70.75	293
11	50.483	38	37.00	45	57.659	36	55.01	20	27.788	38	71.03	117	2.774	69	73.68	264
21	50.445	73	37.45	58	57.623	70	55.21	34	27.750	70	72.20	90	2.705	110	76.32	231
31	50.372	99	38.03	64	57.553	95	55.55	44	27.680	94	73.10	64	2.595	141	78.63	194
Apr. 10	50.273	117	38.67	66	57.458	113	55.99	52	27.586	112	73.74	39	2.454	166	80.57	154
20	50.156	127	39.33	66	57.345	123	56.51	54	27.474	123	74.13	15	2.288	182	82.11	113
30	50.029	130	39.99	61	57.222	126	57.05	54	27.351	126	74.28	8	2.106	191	83.24	70
Mai 10	49.899	127	40.60	54	57.096	122	57.59	53	27.225	124	74.20	29	1.915	194	83.94	27
20	49.772	117	41.14	47	56.974	114	58.12	50	27.101	117	73.91	49	1.721	189	84.21	16
30	49.655	104	41.61	36	56.860	101	58.62	44	26.984	106	73.42	68	1.532	181	84.05	58
Juni 9	49.551	87	41.97	26	56.759	85	59.06	38	26.878	93	72.74	83	1.351	167	83.47	97
19	49.464	68	42.23	15	56.674	67	59.44	31	26.785	75	71.91	98	1.184	148	82.50	135
29	49.396	46	42.38	2	56.607	45	59.75	22	26.710	57	70.93	108	1.036	124	81.15	168
Juli 9	49.350	23	42.40	10	56.562	23	59.97	13	26.653	35	69.85	116	0.912	98	79.47	196
19	49.327	2	42.30	24	56.539	0	60.10	1	26.618	13	68.69	119	0.814	66	77.51	218
29	49.329	28	42.06	39	56.539	25	60.11	12	26.605	13	67.50	117	0.748	32	75.33	232
Aug. 8	49.357	54	41.67	54	56.564	52	59.99	25	26.618	39	66.33	111	0.716	7	73.01	238
18	49.411	83	41.13	70	56.616	79	59.74	43	26.657	68	65.22	99	0.723	48	70.63	236
28	49.494	112	40.43	89	56.695	109	59.31	60	26.725	100	64.23	81	0.771	94	68.27	225
Sept. 7	49.606	144	39.54	106	56.804	139	58.71	80	26.825	131	63.42	58	0.865	140	66.02	204
17	49.750	176	38.48	125	56.943	171	57.91	100	26.956	165	62.84	30	1.005	188	63.98	174
27	49.926	209	37.23	143	57.114	204	56.91	121	27.121	200	62.54	2	1.193	235	62.24	135
Okt. 7	50.135	241	35.80	161	57.318	236	55.70	141	27.321	233	62.56	38	1.428	279	60.89	89
17	50.376	272	34.19	174	57.554	266	54.29	161	27.554	264	62.94	75	1.707	321	60.00	38
27	50.648	298	32.45	186	57.820	293	52.68	176	27.818	291	63.69	113	2.028	354	59.62	18
Nov. 6	50.946	322	30.59	193	58.113	315	50.92	187	28.109	313	64.82	149	2.382	381	59.80	76
16	51.268	336	28.66	194	58.428	330	49.05	195	28.422	328	66.31	181	2.763	395	60.56	131
26	51.604	344	26.72	190	58.758	337	47.10	196	28.750	333	68.12	208	3.158	399	61.87	184
Dez. 6	51.948	341	24.82	180	59.095	335	45.14	190	29.083	329	70.20	229	3.557	390	63.71	233
16	52.289	327	23.02	163	59.430	321	43.24	179	29.412	314	72.49	242	3.947	369	66.04	273
26	52.616	303	21.39	142	59.751	298	41.45	163	29.726	289	74.91	249	4.316	335	68.77	305
36	52.919		19.97		60.049		39.82		30.015		77.40		4.651		71.82	
Mittl. Ort	47.515		49.23		54.775		67.97		25.163		55.49		0.163		57.47	
sec δ, tg δ	1.046		+0.307		1.023		+0.218		1.022		−0.213		1.341		−0.894	
a, a′	+3.3		−17.5		+3.2		−17.6		+2.9		−17.7		+2.5		−17.9	
b, b′	−0.02		−0.49		−0.01		−0.48		+0.01		−0.47		+0.05		−0.45	

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Tag	384) ζ Leonis				383) λ Ursae maj.				386) μ Ursae maj.				387) 30 H. Ursae maj.			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1935	$10^h\ 13^m$		$+23°\ 43'$		$10^h\ 13^m$		$+43°\ 13'$		$10^h\ 18^m$		$+41°\ 49'$		$10^h\ 19^m$		$+65°\ 53'$	
Jan. 1	6.732	304	79.91	102	13.539	361	67.01	12	30.237	359	21.60	22	31.82	58	26.22	78
11	7.036	266	78.89	69	13.900	316	66.89	32	30.596	315	21.38	21	32.40	50	27.00	130
21	7.302	219	78.20	37	14.216	259	67.21	73	30.911	262	21.59	61	32.90	42	28.30	175
31	7.521	168	77.83	5	14.475	198	67.94	108	31.173	201	22.20	99	33.32	31	30.05	213
Feb. 10	7.689	115	77.78	25	14.673	132	69.02	137	31.374	137	23.19	129	33.63	20	32.18	242
20	7.804	61	78.03	49	14.805	66	70.39	160	31.511	72	24.48	152	33.83	8	34.60	258
März 1	[24] 7.865	13	78.52	69	[24] 14.871	4	71.99	173	[25] 31.583	12	26.00	167	[25] 33.91	2	37.18	265
11	7.878	32	79.21	83	14.875	53	73.72	177	31.595	44	27.67	173	33.89	13	39.83	258
21	7.846	69	80.04	91	14.822	101	75.49	174	31.551	92	29.40	171	33.76	21	42.41	242
31	7.777	99	80.95	94	14.721	140	77.23	161	31.459	130	31.11	161	33.55	29	44.83	216
Apr. 10	7.678	119	81.89	91	14.581	168	78.84	143	31.329	159	32.72	144	33.26	34	46.99	181
20	7.559	132	82.80	85	14.413	186	80.27	119	31.170	177	34.16	121	32.92	39	48.80	140
30	7.427	137	83.65	74	14.227	194	81.46	90	30.993	186	35.37	94	32.53	41	50.20	95
Mai 10	7.290	135	84.39	60	14.033	193	82.36	59	30.807	185	36.31	65	32.12	42	51.15	46
20	7.155	127	84.99	46	13.840	183	82.95	25	30.622	178	36.96	32	31.70	40	51.61	4
30	7.028	114	85.45	30	13.657	168	83.20	7	30.444	163	37.28	0	31.30	38	51.57	52
Juni 9	6.914	97	85.75	12	13.489	146	83.13	42	30.281	144	37.28	33	30.92	35	51.05	101
19	6.817	79	85.87	6	13.343	121	82.71	74	30.137	120	36.95	65	30.57	30	50.04	144
29	6.738	57	85.81	23	13.222	92	81.97	103	30.017	92	36.30	95	30.27	25	48.60	187
Juli 9	6.681	33	85.58	41	13.130	60	80.94	133	29.925	63	35.35	123	30.02	19	46.73	223
19	6.648	8	85.17	58	13.070	27	79.61	158	29.862	31	34.12	149	29.83	13	44.50	255
29	6.640	18	84.59	76	13.043	8	78.03	181	29.831	2	32.63	173	29.70	5	41.95	281
Aug. 8	6.658	46	83.83	94	13.051	44	76.22	202	29.833	38	30.90	194	29.65	1	39.14	303
18	6.704	75	82.89	111	13.095	83	74.20	219	29.871	75	28.96	212	29.66	8	36.11	318
28	6.779	106	81.78	128	13.178	122	72.01	233	29.946	113	26.84	228	29.74	16	32.93	328
Sept. 7	6.885	139	80.50	146	13.300	162	69.68	245	30.059	153	24.56	239	29.90	23	29.65	331
17	7.024	173	79.04	162	13.462	204	67.23	251	30.212	193	22.17	248	30.13	30	26.34	328
27	7.197	207	77.42	177	13.666	245	64.72	255	30.405	235	19.69	253	30.43	38	23.06	319
Okt. 7	7.404	241	75.65	188	13.911	286	62.17	253	30.640	275	17.16	252	30.81	45	19.87	302
17	7.645	274	73.77	199	14.197	325	59.64	245	30.915	315	14.64	247	31.26	51	16.85	279
27	7.919	303	71.78	203	14.522	360	57.19	233	31.230	350	12.17	236	31.77	57	14.06	249
Nov. 6	8.222	329	69.75	204	14.882	389	54.86	214	31.580	379	9.81	218	32.34	62	11.57	212
16	8.551	346	67.71	199	15.271	411	52.72	188	31.959	402	7.63	195	32.96	65	9.45	168
26	8.897	355	65.72	187	15.682	421	50.84	157	32.361	413	5.68	165	33.61	67	7.77	119
Dez. 6	9.252	354	63.85	170	16.103	421	49.27	122	32.774	414	4.03	130	34.28	67	6.58	66
16	9.606	342	62.15	147	16.524	407	48.05	80	33.188	402	2.73	91	34.95	65	5.92	11
26	9.948	320	60.68	119	16.931	380	47.25	38	33.590	377	1.82	48	35.60	61	5.81	45
36	10.268		59.49		17.311		46.87		33.967		1.34		36.21		6.26	
Mittl. Ort	4.764		91.12		11.129		82.66		27.911		37.30		28.08		45.67	
sec δ, tg δ	1.092		+0.440		1.373		+0.940		1.342		+0.895		2.449		+2.235	
a, *a'*	+3.3		−17.9		+3.6		−17.9		+3.6		−18.1		+4.3		−18.1	
b, *b'*	−0.03		−0.45		−0.06		−0.45		−0.05		−0.43		−0.13		−0.42	

Tag	389) μ Hydrae AR.		389) μ Hydrae Dekl.		391) J Carinae AR.		391) J Carinae Dekl.	
1935	10ʰ 22ᵐ		−16° 30′		10ʰ 23ᵐ		−73° 41′	
Jan. 1	58.333	285	14.17	263	8.57	64	48.71	314
11	58.618	248	16.80	261	9.21	53	51.85	351
21	58.866	204	19.41	253	9.74	40	55.36	377
31	59.070	157	21.94	239	10.14	26	59.13	393
Feb. 10	59.227	108	24.33	220	10.40	13	63.06	399
20	59.335	60	26.53	197	10.53	1	67.05	395
März 1	[26] 59.395	15	28.50	171	[26] 10.52	14	71.00	382
11	59.410	25	30.21	144	10.38	25	74.82	361
21	59.385	58	31.65	117	10.13	36	78.43	333
31	59.327	85	32.82	89	9.77	45	81.76	299
Apr. 10	59.242	105	33.71	61	9.32	53	84.75	258
20	59.137	117	34.32	35	8.79	59	87.33	213
30	59.020	124	34.67	9	8.20	63	89.46	164
Mai 10	58.896	124	34.76	16	7.57	66	91.10	112
20	58.772	121	34.60	40	6.91	67	92.22	59
30	58.651	113	34.20	63	6.24	67	92.81	3
Juni 9	58.538	101	33.57	82	5.57	64	92.84	50
19	58.437	87	32.75	100	4.93	61	92.34	103
29	58.350	69	31.75	115	4.32	55	91.31	152
Juli 9	58.281	51	30.60	125	3.77	47	89.79	197
19	58.230	29	29.35	132	3.30	39	87.82	234
29	58.201	4	28.03	134	2.91	29	85.48	266
Aug. 8	58.197	22	26.69	131	2.62	17	82.82	288
18	58.219	52	25.38	121	2.45	5	79.94	301
28	58.271	83	24.17	104	2.40	9	76.93	301
Sept. 7	58.354	117	23.13	84	2.49	22	73.92	292
17	58.471	153	22.29	55	2.71	36	71.00	270
27	58.624	188	21.74	23	3.07	49	68.30	237
Okt. 7	58.812	225	21.51	14	3.56	61	65.93	194
17	59.037	259	21.65	53	4.17	71	63.99	142
27	59.296	288	22.18	94	4.88	80	62.57	84
Nov. 6	59.584	314	23.12	133	5.68	85	61.73	18
16	59.898	330	24.45	170	6.53	89	61.55	47
26	60.228	339	26.15	202	7.42	88	62.02	114
Dez. 6	60.567	337	28.17	228	8.30	85	63.16	177
16	60.904	324	30.45	247	9.15	80	64.93	234
26	61.228	302	32.92	258	9.95	71	67.27	286
36	61.530		35.50		10.66		70.13	
Mittl. Ort	56.776		14.14		6.48		61.16	
sec δ, tg δ	1.043		−0.296		3.563		−3.420	
a, *a′*	+2.9		−18.3		+1.2		−18.3	
b, *b′*	+0.02		− 0.41		+0.21		− 0.41	

Tag	390) 31 Leonis min. AR.		390) 31 Leonis min. Dekl.		392) Lac. α Antliae AR.		392) Lac. α Antliae Dekl.	
1935	10ʰ 24ᵐ		+37° 1′		10ʰ 24ᵐ		−30° 44′	
Jan. 1	10.073	345	72.42	49	12.011	300	6.68	297
11	10.418	304	71.93	8	12.311	259	9.65	308
21	10.722	254	71.85	32	12.570	211	12.73	310
31	10.976	197	72.17	69	12.781	160	15.83	303
Feb. 10	11.173	138	72.86	101	12.941	107	18.86	290
20	11.311	79	73.87	125	13.048	56	21.76	271
März 1	[27] 11.390	20	75.12	143	[27] 13.104	7	24.47	247
11	11.410	31	76.55	152	13.111	36	26.94	219
21	11.379	77	78.07	154	13.075	72	29.13	188
31	11.302	112	79.61	149	13.003	101	31.01	154
Apr. 10	11.190	140	81.10	135	12.902	124	32.55	121
20	11.050	157	82.45	118	12.778	138	33.76	85
30	10.893	165	83.63	96	12.640	147	34.61	49
Mai 10	10.728	167	84.59	70	12.493	150	35.10	13
20	10.561	160	85.29	41	12.343	147	35.23	22
30	10.401	148	85.70	13	12.196	141	35.01	55
Juni 9	10.253	130	85.83	16	12.055	129	34.46	88
19	10.123	110	85.67	45	11.926	114	33 58	118
29	10.013	86	85.22	73	11.812	97	32.40	144
Juli 9	9.927	59	84.49	99	11.715	74	30.96	165
19	9.868	31	83.50	124	11.641	50	29.31	181
29	9.837	0	82.26	148	11.591	23	27.50	192
Aug. 8	9.837	32	80.78	168	11.568	9	25.58	194
18	9.869	66	79.10	188	11.577	43	23.64	190
28	9.935	101	77.22	204	11.620	80	21.74	178
Sept. 7	10.036	138	75.18	219	11.700	119	19.96	156
17	10.174	177	72.99	230	11.819	160	18.40	129
27	10.351	216	70.69	238	11.979	202	17.11	93
Okt. 7	10.567	256	68.31	241	12.181	242	16.18	51
17	10.823	293	65.90	241	12.423	280	15.67	5
27	11.116	328	63.49	234	12.703	313	15.62	45
Nov. 6	11.444	357	61.15	222	13.016	339	16.07	95
16	11.801	379	58.93	204	13.355	357	17.02	143
26	12.180	392	56.89	178	13.712	364	18.45	188
Dez. 6	12.572	393	55.11	148	14.076	360	20.33	228
16	12.965	384	53.63	112	14.436	345	22.61	261
26	13.349	360	52.51	73	14.781	319	25.22	285
36	13.709		51.78		15.100		28.07	
Mittl. Ort	7.915		87.43		10.498		10.66	
sec δ, tg δ	1.253		+0.755		1.163		−0.595	
a, *a′*	+3.5		−18.3		+2.8		−18.3	
b, *b′*	−0.05		− 0.41		+0.04		− 0.41	

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Tag	393) s Carinae AR.		393) s Carinae Dekl.		394) 36 Ursae maj. AR.		394) 36 Ursae maj. Dekl.		395) 9 H. Draconis AR.		395) 9 H. Draconis Dekl.		404) 33 Sextantis AR.		404) 33 Sextantis Dekl.	
1935	10h 25m		−58° 24′		10h 26m		+56° 18′		10h 29m		+76° 2′		10h 38m		−1° 23′	
	s		″		s		″		s		″		s		″	
Jan. 1	30.885	407	15.50	323	31.734	457	33.75	32	42.98	93	34.51	101	7.384	293	62.78	214
11	31.292	342	18.73	353	32.191	402	34.07	83	43.91	80	35.52	157	7.677	260	64.92	200
21	31.634	270	22.26	371	32.593	335	34.90	128	44.71	67	37.09	204	7.937	219	66.92	182
31	31.904	192	25.97	382	32.928	258	36.18	168	45.38	50	39.13	243	8.156	175	68.74	160
Feb. 10	32.096	114	29.79	380	33.186	176	37.86	199	45.88	32	41.56	271	8.331	127	70.34	135
20	32.210	37	33.59	372	33.362	91	39.85	221	46.20	14	44.27	288	8.458	80	71.69	109
März 1*)	[27] 32.247	36	37.31	354	[27] 33.453	10	42.06	232	[28] 46.34	4	47.15	292	[2] 8.538	36	72.78	83
11	32.211	101	40.85	329	33.463	65	44.38	233	46.30	21	50.07	284	8.574	4	73.61	60
21	32.110	158	44.14	299	33.398	133	46.71	223	46.09	38	52.91	264	8.570	38	74.21	37
31	31.952	207	47.13	261	33.265	187	48.94	205	45.71	50	55.55	235	8.532	67	74.58	17
Apr. 10	31.745	245	49.74	221	33.078	231	50.99	178	45.21	62	57.90	195	8.465	86	74.75	1
20	31.500	275	51.95	177	32.847	259	52.77	144	44.59	69	59.85	150	8.379	101	74.74	17
30	31.225	296	53.72	129	32.588	276	54.21	106	43.90	75	61.35	99	8.278	109	74.57	29
Mai 10	30.929	307	55.01	80	32.312	281	55.27	64	43.15	76	62.34	46	8.169	111	74.28	40
20	30.622	309	55.81	29	32.031	274	55.91	21	42.39	77	62.80	10	8.058	109	73.88	51
30	30.313	305	56.10	22	31.757	257	56.12	23	41.62	73	62.70	63	7.949	102	73.37	57
Juni 9	30.008	291	55.88	70	31.500	234	55.89	67	40.89	68	62.07	116	7.847	93	72.80	63
19	29.717	270	55.18	118	31.266	203	55.22	107	40.21	61	60.91	165	7.754	80	72.17	67
29	29.447	241	54.00	162	31.063	167	54.15	146	39.60	52	59.26	210	7.674	65	71.50	69
Juli 9	29.206	204	52.38	200	30.896	126	52.69	181	39.08	42	57.16	250	7.609	49	70.81	68
19	29.002	162	50.38	232	30.770	82	50.88	212	38.66	32	54.66	283	7.560	29	70.13	65
29	28.840	111	48.06	257	30.688	35	48.76	240	38.34	20	51.83	313	7.531	7	69.48	58
Aug. 8	28.729	53	45.49	274	30.653	13	46.36	263	38.14	7	48.70	334	7.524	16	68.90	49
18	28.676	9	42.75	281	30.666	65	43.73	282	38.07	4	45.36	349	7.540	42	68.41	34
28	28.685	76	39.94	276	30.731	117	40.91	294	38.11	18	41.87	357	7.582	71	68.07	18
Sept. 7	28.761	147	37.18	263	30.848	171	37.97	303	38.29	31	38.30	360	7.653	103	67.89	4
17	28.908	218	34.55	237	31.019	226	34.94	306	38.60	43	34.70	353	7.756	136	67.93	28
27	29.126	288	32.18	202	31.245	281	31.88	303	39.03	56	31.17	340	7.892	171	68.21	56
Okt. 7	29.414	354	30.16	157	31.526	335	28.85	294	39.59	67	27.77	320	8.063	207	68.77	84
17	29.768	413	28.59	105	31.861	386	25.91	278	40.26	78	24.57	292	8.270	240	69.61	113
27	30.181	462	27.54	46	32.247	432	23.13	255	41.04	88	21.65	256	8.510	272	70.74	141
Nov. 6	30.643	499	27.08	17	32.679	472	20.58	226	41.92	96	19.09	215	8.782	299	72.15	168
16	31.142	520	27.25	81	33.151	501	18.32	191	42.88	102	16.94	165	9.081	318	73.83	189
26	31.662	525	28.06	142	33.652	518	16.41	148	43.90	105	15.29	111	9.399	331	75.72	207
Dez. 6	32.187	513	29.48	202	34.170	520	14.93	102	44.95	106	14.18	54	9.730	332	77.79	217
16	32.700	485	31.50	253	34.690	507	13.91	50	46.01	103	13.64	7	10.062	325	79.96	221
26	33.185	440	34.03	299	35.197	480	13.41	1	47.04	97	13.71	67	10.387	307	82.17	217
36	33.625		37.02		35.677		13.42		48.01		14.38		10.694		84.34	
Mittl. Ort	29.273		25.80		28.874		52.53		37.42		55.46		5.818		57.85	
sec δ, tg δ	1.909		−1.626		1.803		+1.500		4.148		+4.025		1.000		−0.024	
a, *a′*	+2.2		−18.4		+3.9		−18.4		+5.1		−18.5		+3.1		−18.8	
b, *b′*	+0.10		− 0.40		−0.09		− 0.40		−0.25		− 0.38		0.00		− 0.35	

*) Bei Stern 404) lies März 2

Tag	406) ϑ Argus				407) 42 Leonis min.				408) μ Argus				409) l Leonis			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1935	$10^h 40^m$		$-64° 3'$		$10^h 42^m$		$+31° 0'$		$10^h 43^m$		$-49° 4'$		$10^h 45^m$		$+10° 52'$	
Jan. 1	39.58	49	1.23	307	17.286	337	76.24	88	59.446	372	26.71	307	52.184	304	73.47	171
11	40.07	42	4.30	343	17.623	302	75.36	50	59.818	324	29.78	334	52.488	273	71.76	147
21	40.49	33	7.73	367	17.925	258	74.86	10	60.142	267	33.12	350	52.761	234	70.29	120
31	40.82	25	11.40	383	18.183	206	74.76	27	60.409	205	36.62	359	52.995	187	69.09	91
Feb. 10	41.07	16	15.23	389	18.389	152	75.03	61	60.614	141	40.21	356	53.182	140	68.18	61
20	41.23	7	19.12	384	18.541	96	75.64	89	60.755	78	43.77	347	53.322	93	67.57	34
März 2	41.30	2	22.96	372	18.637	43	76.53	111	60.833	18	47.24	329	53.415	45	67.23	8
11	[3] 41.28	10	26.68	351	[3] 18.680	6	77.64	127	[4] 60.851	37	50.53	306	[4] 53.460	4	67.15	14
21	41.18	17	30.19	324	18.674	49	78.91	134	60.814	85	53.59	277	53.464	32	67.29	31
31	41.01	23	33.43	290	18.625	84	80.25	135	60.729	125	56.36	243	53.432	62	67.60	45
Apr. 10	40.78	27	36.33	251	18.541	112	81.60	129	60.604	159	58.79	206	53.370	84	68.05	55
20	40.51	32	38.84	208	18.429	130	82.89	118	60.445	185	60.85	164	53.286	100	68.60	61
30	40.19	35	40.92	161	18.299	141	84.07	102	60.260	202	62.49	121	53.186	110	69.21	63
Mai 10	39.84	38	42.53	112	18.158	145	85.09	82	60.058	214	63.70	76	53.076	112	69.84	62
20	39.46	38	43.65	60	18.013	142	85.91	59	59.844	219	64.46	30	52.964	111	70.46	60
30	39.08	38	44.25	7	17.871	135	86.50	36	59.625	217	64.76	15	52.853	105	71.06	54
Juni 9	38.70	37	44.32	44	17.736	122	86.86	10	59.408	210	64.61	61	52.748	96	71.60	48
19	38.33	35	43.88	95	17.614	106	86.96	15	59.198	197	64.00	103	52.652	84	72.08	41
29	37.98	33	42.93	141	17.508	86	86.81	40	59.001	178	62.97	143	52.568	69	72.49	31
Juli 9	37.65	28	41.52	185	17.422	65	86.41	65	58.823	154	61.54	178	52.499	52	72.80	20
19	37.37	24	39.67	222	17.357	42	85.76	89	58.669	124	59.76	208	52.447	33	73.00	9
29	37.13	18	37.45	252	17.315	16	84.87	112	58.545	87	57.68	231	52.414	11	73.09	5
Aug. 8	36.95	11	34.93	274	17.299	13	83.75	134	58.458	46	55.37	246	52.403	12	73.04	21
18	36.84	3	32.19	287	17.312	42	82.41	154	58.412	0	52.91	253	52.415	37	72.83	38
28	36.81	5	29.32	288	17.354	76	80.87	174	58.412	52	50.38	250	52.452	67	72.45	56
Sept. 7	36.86	13	26.44	279	17.430	110	79.13	192	58.464	106	47.88	236	52.519	98	71.89	78
17	36.99	21	23.65	259	17.540	147	77.21	207	58.570	163	45.52	213	52.617	131	71.11	99
27	37.20	31	21.06	228	17.687	186	75.14	220	58.733	221	43.39	181	52.748	166	70.12	121
Okt. 7	37.51	39	18.78	187	17.873	224	72.94	230	58.954	276	41.58	139	52.914	202	68.91	144
17	37.90	46	16.91	136	18.097	262	70.64	235	59.230	329	40.19	90	53.116	237	67.47	164
27	38.36	52	15.55	79	18.359	298	68.29	236	59.559	374	39.29	35	53.353	270	65.83	182
Nov. 6	38.88	58	14.76	17	18.657	329	65.93	230	59.933	410	38.94	23	53.623	298	64.01	197
16	39.46	60	14.59	47	18.986	353	63.63	218	60.343	434	39.17	83	53.921	321	62.04	207
26	40.06	61	15.06	112	19.339	369	61.45	200	60.777	446	40.00	140	54.242	334	59.97	210
Dez. 6	40.67	60	16.18	173	19.708	374	59.45	176	61.223	444	41.40	195	54.576	339	57.87	207
16	41.27	58	17.91	230	20.082	369	57.69	146	61.667	426	43.35	244	54.915	334	55.80	198
26	41.85	52	20.21	279	20.451	351	56.23	111	62.093	396	45.79	284	55.249	317	53.82	182
36	42.37		23.00		20.802		55.12		62.489		48.63		55.566		52.00	
Mittl. Ort	38.02		12.66		15.377		90.78		58.032		35.29		50.558		82.44	
sec δ, tg δ	2.286		−2.055		1.167		+0.601		1.527		−1.153		1.018		+0.192	
a, *a'*	+2.1		−18.9		+3.3		−18.9		+2.6		−19.0		+3.2		−19.0	
b, *b'*	+0.13		−0.34		−0.04		−0.33		+0.07		−0.33		−0.01		−0.32	

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Tag	415) *i* Velorum				416) β Ursae maj.				417) α Ursae maj.				418) γ Leonis			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1935	$10^h\ 57^m$		$-41°52'$		$10^h\ 57^m$		$+56°43'$		$10^h\ 59^m$		$+62°\ 5'$		$11^h\ 1^m$		$+7°\ 40'$	
Jan. 1	$11^s.385$	356	$30''.16$	293	$58^s.498$	484	$31''.52$	1	$46^s.83$	55	$46''.45$	17	$41^s.442$	310	$67''.66$	187
11	11.741	314	33.09	316	58.982	439	31.51	54	47.38	50	46.62	73	41.752	280	65.79	166
21	12.055	266	36.25	330	59.421	378	32.05	104	47.88	43	47.35	125	42.032	242	64.13	140
31	12.321	211	39.55	335	59.799	307	33.09	151	48.31	34	48.60	172	42.274	200	62.73	113
Feb. 10	12.532	155	42.90	332	60.106	228	34.60	188	48.65	26	50.32	210	42.474	153	61.60	83
20	12.687	98	46.22	321	60.334	146	36.48	218	48.91	16	52.42	238	42.627	106	60.77	56
März 2	12.785	45	49.43	304	60.480	63	38.66	236	49.07	7	54.80	255	42.733	61	60.21	29
11	12.830	5	52.47	280	60.543	15	41.02	243	49.14	2	57.35	261	42.794	20	59.92	5
21	12.825	49	55.27	252	60.528	86	43.45	241	49.12	11	59.96	257	42.814	18	59.87	15
31	12.776	86	57.79	220	60.442	148	45.86	228	49.01	19	62.53	240	42.796	47	60.02	32
Apr. 10	12.690	116	59.99	186	60.294	197	48.14	206	48.82	24	64.93	215	42.749	72	60.34	44
20	12.574	141	61.85	148	60.097	236	50.20	176	48.58	29	67.08	182	42.677	89	60.78	52
30	12.433	157	63.33	109	59.861	262	51.96	139	48.29	32	68.90	143	42.588	100	61.30	58
Mai 10	12.276	169	64.42	68	59.599	275	53.35	100	47.97	34	70.33	98	42.488	106	61.88	60
20	12.107	174	65.10	26	59.324	279	54.35	56	47.63	35	71.31	51	42.382	107	62.48	61
30	11.933	175	65.36	15	59.045	272	54.91	11	47.28	34	71.82	4	42.275	104	63.09	58
Juni 9	11.758	171	65.21	55	58.773	257	55.02	34	46.94	32	71.86	45	42.171	98	63.67	55
19	11.587	161	64.66	93	58.516	235	54.68	78	46.62	29	71.41	92	42.073	88	64.22	50
29	11.426	148	63.73	129	58.281	206	53.90	120	46.33	27	70.49	136	41.985	76	64.72	42
Juli 9	11.278	129	62.44	161	58.075	171	52.70	160	46.06	22	69.13	178	41.909	62	65.14	34
19	11.149	105	60.83	187	57.904	133	51.10	195	45.84	17	67.35	216	41.847	45	65.48	23
29	11.044	77	58.96	207	57.771	91	49.15	229	45.67	12	65.19	249	41.802	25	65.71	11
Aug. 8	10.967	43	56.89	221	57.680	45	46.86	256	45.55	7	62.70	278	41.777	4	65.82	3
18	10.924	5	54.68	226	57.635	4	44.30	280	45.48	2	59.92	301	41.773	21	65.79	20
28	10.919	39	52.42	223	57.639	57	41.50	299	45.46	5	56.91	319	41.794	49	65.59	38
Sept. 7	10.958	86	50.19	209	57.696	111	38.51	313	45.51	12	53.72	332	41.843	80	65.21	60
17	11.044	135	48.10	188	57.807	168	35.38	320	45.63	18	50.40	337	41.923	114	64.61	82
27	11.179	187	46.22	157	57.975	227	32.18	322	45.81	25	47.03	337	42.037	150	63.79	105
Okt. 7	11.366	238	44.65	118	58.202	285	28.96	317	46.06	32	43.66	330	42.187	186	62.74	130
17	11.604	286	43.47	72	58.487	343	25.79	306	46.38	38	40.36	314	42.373	223	61.44	153
27	11.890	329	42.75	21	58.830	395	22.73	287	46.76	45	37.22	292	42.596	258	59.91	174
Nov. 6	12.219	365	42.54	33	59.225	444	19.86	261	47.21	50	34.30	263	42.854	288	58.17	192
16	12.584	392	42.87	88	59.669	482	17.25	226	47.71	54	31.67	224	43.142	313	56.25	204
26	12.976	406	43.75	142	60.151	509	14.99	186	48.25	58	29.43	180	43.455	329	54.21	213
Dez. 6	13.382	408	45.17	192	60.660	522	13.13	139	48.83	59	27.63	130	43.784	337	52.08	214
16	13.790	398	47.09	236	61.182	520	11.74	88	49.42	59	26.33	75	44.121	334	49.94	208
26	14.188	374	49.45	272	61.702	500	10.86	34	50.01	57	25.58	18	44.455	320	47.86	196
36	14.562		52.17		62.202		10.52		50.58		25.40		44.775		45.90	
Mittl. Ort	10.064		37.03		55.968		52.31		44.00		68.12		39.934		76.14	
sec δ, tg δ	1.343		−0.897		1.823		+1.524		2.137		+1.889		1.009		+0.135	
a, *a′*	+2.7		−19.3		+3.6		−19.3		+3.7		−19.4		+3.1		−19.4	
b, *b′*	+0.06		−0.27		−0.10		−0.27		−0.12		−0.26		−0.01		−0.25	

Tag	420) ψ Ursae maj. AR.		420) Dekl.		421) β Crateris AR.		421) Dekl.		422) δ Leonis AR.		422) Dekl.		423) θ Leonis AR.		423) Dekl.	
1935	11h 6m	Δ	+44° 50′	Δ	11h 8m	Δ	−22° 28′	Δ	11h 10m	Δ	+20° 52′	Δ	11h 10m	Δ	+15° 46′	Δ
Jan. 1	3.073	402	46.27	54	28.814	320	12.90	264	40.868	329	35.47	146	51.410	322	55.20	163
11	3.475	365	45.73	4	29.134	289	15.54	270	41.197	301	34.01	113	51.732	293	53.57	135
21	3.840	319	45.69	43	29.423	249	18.24	271	41.498	263	32.88	78	52.025	257	52.22	103
31	4.159	263	46.12	89	29.672	206	20.95	263	41.761	220	32.10	43	52.282	214	51.19	70
Feb. 10	4.422	202	47.01	128	29.878	157	23.58	250	41.981	171	31.67	7	52.496	167	50.49	38
20	4.624	136	48.29	160	30.035	110	26.08	232	42.152	121	31.60	24	52.663	119	50.11	7
März 2	(9) 4.760	72	49.89	184	(10) 30.145	65	28.40	209	(10) 42.273	73	31.84	51	(10) 52.782	72	50.04	21
11	4.832	13	51.73	197	30.210	22	30.49	185	42.346	28	32.35	74	52.854	29	50.25	44
21	4.845	43	53.70	203	30.232	14	32.34	158	42.374	12	33.09	89	52.883	11	50.69	61
31	4.802	91	55.73	198	30.218	46	33.92	131	42.362	46	33.98	100	52.872	42	51.30	75
Apr. 10	4.711	128	57.71	185	30.172	72	35.23	103	42.316	73	34.98	104	52.830	69	52.05	82
20	4.583	157	59.56	166	30.100	91	36.26	74	42.243	94	36.02	103	52.761	89	52.87	85
30	4.426	178	61.22	139	30.009	104	37.00	46	42.149	108	37.05	97	52.672	101	53.72	84
Mai 10	4.248	188	62.61	108	29.905	114	37.46	17	42.041	115	38.02	88	52.571	109	54.56	79
20	4.060	191	63.69	74	29.791	117	37.63	9	41.926	118	38.90	74	52.462	112	55.35	71
30	3.869	188	64.43	38	29.674	118	37.54	36	41.808	116	39.64	60	52.350	109	56.06	61
Juni 9	3.681	178	64.81	0	29.556	114	37.18	61	41.692	110	40.24	43	52.241	104	56.67	49
19	3.503	163	64.81	37	29.442	108	36.57	83	41.582	101	40.67	25	52.137	95	57.16	35
29	3.340	143	64.44	74	29.334	98	35.74	104	41.481	88	40.92	6	52.042	84	57.51	21
Juli 9	3.197	120	63.70	108	29.236	85	34.70	121	41.393	73	40.98	14	51.958	70	57.72	6
19	3.077	94	62.62	142	29.151	68	33.49	134	41.320	56	40.84	33	51.888	53	57.78	11
29	2.983	64	61.20	172	29.083	48	32.15	142	41.264	36	40.51	55	51.835	35	57.67	29
Aug. 8	2.919	30	59.48	200	29.035	24	30.73	146	41.228	13	39.96	75	51.800	12	57.38	47
18	2.889	5	57.48	225	29.011	4	29.27	142	41.215	12	39.21	96	51.788	13	56.91	67
28	2.894	44	55.23	247	29.015	36	27.85	132	41.227	42	38.25	117	51.801	41	56.24	87
Sept. 7	2.938	87	52.76	264	29.051	72	26.53	117	41.269	73	37.08	139	51.842	72	55.37	109
17	3.025	131	50.12	278	29.123	110	25.36	93	41.342	109	35.69	158	51.914	107	54.28	130
27	3.156	177	47.34	286	29.233	151	24.43	64	41.451	146	34.11	179	52.021	143	52.98	151
Okt. 7	3.333	225	44.48	290	29.384	193	23.79	30	41.597	185	32.32	196	52.164	181	51.47	171
17	3.558	273	41.58	288	29.577	233	23.49	10	41.782	223	30.36	211	52.345	219	49.76	190
27	3.831	317	38.70	279	29.810	272	23.59	50	42.005	261	28.25	221	52.564	255	47.86	204
Nov. 6	4.148	357	35.91	263	30.082	304	24.09	94	42.266	293	26.04	228	52.819	289	45.82	215
16	4.505	391	33.28	240	30.386	330	25.03	134	42.559	321	23.76	228	53.108	315	43.67	221
26	4.896	415	30.88	209	30.716	347	26.37	173	42.880	342	21.48	221	53.423	334	41.46	219
Dez. 6	5.311	427	28.79	173	31.063	353	28.10	207	43.222	350	19.27	208	53.757	344	39.27	212
16	5.738	427	27.06	130	31.416	349	30.17	233	43.572	351	17.19	189	54.101	343	37.15	198
26	6.165	413	25.76	82	31.765	333	32.50	253	43.923	339	15.30	163	54.444	331	35.17	177
36	6.578		24.94		32.098		35.03		44.262		13.67		54.775		33.40	
Mittl. Ort	1.055		65.26		27.513		14.09		39.289		48.36		49.884		66.54	
sec δ, tg δ	1.411		+0.995		1.082		−0.414		1.070		+0.381		1.039		+0.283	
a, *a′*	+3.4		−19.5		+2.9		−19.5		+3.2		−19.6		+3.2		−19.6	
b, *b′*	−0.06		−0.23		+0.03		−0.22		−0.02		−0.21		−0.02		−0.21	

Tag	425) ν Ursae maj.				426) δ Crateris				427) σ Leonis				428) π Centauri			
	AR.	Diff.	Dekl.	Diff.	AR.	Diff.	Dekl.	Diff.	AR.	Diff.	Dekl.	Diff.	AR.	Diff.	Dekl.	Diff.
1935	11h 14m		+33° 26′		11h 16m		−14° 25′		11h 17m		+6° 22′		11h 18m		−54° 7′	
	s		″		s		″		s		″		s		″	
Jan. 1	60.129	360	40.49	104	6.636	317	37.16	246	48.554	317	60.54	195	3.314	440	54.76	276
11	60.489	329	39.45	61	6.953	287	39.62	246	48.871	289	58.59	175	3.754	394	57.52	312
21	60.818	290	38.84	17	7.240	252	42.08	238	49.160	254	56.84	150	4.148	338	60.64	337
31	61.108	242	38.67	24	7.492	209	44.46	226	49.414	213	55.34	123	4.486	275	64.01	353
Feb. 10	61.350	190	38.91	64	7.701	163	46.72	209	49.627	168	54.11	94	4.761	209	67.54	360
20	61.540	135	39.55	97	7.864	118	48.81	187	49.795	123	53.17	65	4.970	142	71.14	359
März 2	61.675	80	40.52	124	7.982	74	50.68	164	49.918	78	52.52	37	5.112	77	74.73	349
12	61.755	29	41.76	144	8.056	33	52.32	138	49.996	36	52.15	13	5.189	15	78.22	333
21	[12] 61.784	17	43.20	155	[12] 8.089	4	53.70	113	[12] 50.032	1	52.02	9	[12] 5.204	41	81.55	309
31	61.767	57	44.75	159	8.085	34	54.83	88	50.031	33	52.11	26	5.163	91	84.64	281
Apr. 10	61.710	89	46.34	155	8.051	60	55.71	64	49.998	57	52.37	40	5.072	133	87.45	247
20	61.621	114	47.89	145	7.991	79	56.35	39	49.941	77	52.77	51	4.939	169	89.92	209
30	61.507	131	49.34	128	7.912	92	56.74	17	49.864	90	53.28	57	4.770	198	92.01	168
Mai 10	61.376	141	50.62	108	7.820	101	56.91	4	49.774	99	53.85	61	4.572	219	93.69	124
20	61.235	145	51.70	84	7.719	106	56.87	25	49.675	102	54.46	62	4.353	235	94.93	78
30	61.090	143	52.54	57	7.613	107	56.62	44	49.573	102	55.08	61	4.118	243	95.71	31
Juni 9	60.947	137	53.11	28	7.506	104	56.18	61	49.471	98	55.69	58	3.875	245	96.02	17
19	60.810	127	53.39	1	7.402	98	55.57	77	49.373	92	56.27	54	3.630	240	95.85	63
29	60.683	112	53.38	30	7.304	90	54.80	90	49.281	82	56.81	47	3.390	229	95.22	107
Juli 9	60.571	96	53.08	59	7.214	78	53.90	100	49.199	70	57.28	39	3.161	210	94.15	147
19	60.475	75	52.49	87	7.136	64	52.90	107	49.129	56	57.67	30	2.951	183	92.68	185
29	60.400	53	51.62	114	7.072	45	51.83	109	49.073	38	57.97	17	2.768	150	90.83	215
Aug. 8	60.347	26	50.48	140	7.027	24	50.74	108	49.035	17	58.14	4	2.618	107	88.68	239
18	60.321	2	49.08	165	7.003	2	49.66	102	49.018	6	58.18	13	2.511	59	86.29	254
28	60.323	35	47.43	188	7.005	31	48.64	90	49.024	33	58.05	32	2.452	4	83.75	259
Sept. 7	60.358	70	45.55	208	7.036	64	47.74	72	49.057	64	57.73	52	2.448	58	81.16	255
17	60.428	109	43.47	226	7.100	100	47.02	49	49.121	98	57.21	75	2.506	123	78.61	240
27	60.537	150	41.21	241	7.200	139	46.53	22	49.219	134	56.46	99	2.629	190	76.21	216
Okt. 7	60.687	192	38.80	253	7.339	179	46.31	11	49.353	172	55.47	123	2.819	258	74.05	181
17	60.879	234	36.27	258	7.518	219	46.42	45	49.525	210	54.24	148	3.077	322	72.24	137
27	61.113	276	33.69	260	7.737	256	46.87	81	49.735	247	52.76	170	3.399	379	70.87	86
Nov. 6	61.389	312	31.09	255	7.993	289	47.68	119	49.982	279	51.06	189	3.778	428	70.01	29
16	61.701	343	28.54	243	8.282	316	48.87	152	50.261	307	49.17	205	4.206	465	69.72	29
26	62.044	366	26.11	223	8.598	334	50.39	183	50.568	326	47.12	214	4.671	487	70.01	90
Dez. 6	62.410	378	23.88	198	8.932	343	52.22	209	50.894	336	44.98	217	5.158	494	70.91	147
16	62.788	380	21.90	166	9.275	340	54.31	229	51.230	336	42.81	213	5.652	485	72.38	202
26	63.168	369	20.24	127	9.615	327	56.60	239	51.566	325	40.68	203	6.137	460	74.40	248
36	63.537		18.97		9.942		58.99		51.891		38.65		6.597		76.88	
Mittl. Ort	58.415		57.13		5.343		35.65		47.148		69.05		2.130		64.55	
sec δ, tg δ	1.198		+0.661		1.033		−0.257		1.006		+0.112		1.707		−1.383	
a, *a′*	+3.2		−19.7		+3.0		−19.7		+3.1		−19.7		+2.7		−19.7	
b, *b′*	−0.04		−0.20		+0.02		−0.19		−0.01		−0.18		+0.09		−0.18	

Tag	429) Grb 1771 AR.	Δ	429) Grb 1771 Dekl.	Δ	433) λ Draconis AR.	Δ	433) λ Draconis Dekl.	Δ	434) ξ Hydrae AR.	Δ	434) ξ Hydrae Dekl.	Δ	436) λ Centauri AR.	Δ	436) λ Centauri Dekl.	Δ
1935	11h 19m		+64° 40'		11h 27m		+69° 40'		11h 29m		−31° 29'		11h 32m		−62° 39'	
	s		"		s		"		s		"		s		"	
Jan. 1	3.34	60	48.46	2	37.08	73	59.99	7	49.175	349	48.31	263	47.42	55	24.76	254
11	3.94	56	48.48	62	37.81	67	60.06	68	49.524	318	50.94	281	47.97	49	27.30	296
21	4.50	49	49.10	117	38.48	59	60.74	126	49.842	280	53.75	289	48.46	43	30.26	330
31	4.99	41	50.27	167	39.07	50	62.00	178	50.122	234	56.64	292	48.89	35	33.56	354
Feb. 10	5.40	31	51.94	209	39.57	39	63.78	221	50.356	187	59.56	286	49.24	28	37.10	369
20	5.71	21	54.03	242	39.96	27	65.99	255	50.543	138	62.42	274	49.52	20	40.79	374
März 2	5.92	11	56.45	263	40.23	14	68.54	276	50.681	90	65.16	256	49.72	11	44.53	371
12	6.03	1	59.08	273	40.37	2	71.30	287	50.771	45	67.72	236	49.83	4	48.24	360
21	[13] 6.04	9	61.81	271	[15] 40.39	10	74.17	284	[15] 50.816	5	70.08	210	[16] 49.87	3	51.84	342
31	5.95	17	64.52	258	40.29	20	77.01	271	50.821	31	72.18	183	49.84	10	55.26	317
Apr. 10	5.78	24	67.10	234	40.09	30	79.72	246	50.790	59	74.01	153	49.74	16	58.43	286
20	5.54	30	69.44	203	39.79	38	82.18	213	50.731	84	75.54	122	49.58	21	61.29	250
30	5.24	34	71.47	164	39.41	43	84.31	173	50.647	103	76.76	90	49.37	25	63.79	209
Mai 10	4.90	37	73.11	120	38.98	48	86.04	126	50.544	116	77.66	58	49.12	28	65.88	165
20	4.53	39	74.31	72	38.50	49	87.30	77	50.428	126	78.24	25	48.84	31	67.53	117
30	4.14	38	75.03	23	38.01	50	88.07	25	50.302	132	78.49	8	48.53	33	68.70	68
Juni 9	3.76	37	75.26	27	37.51	49	88.32	28	50.170	132	78.41	40	48.20	34	69.38	18
19	3.39	36	74.99	77	37.02	47	88.04	80	50.038	130	78.01	70	47.86	34	69.56	34
29	3.03	32	74.22	125	36.55	43	87.24	129	49.908	124	77.31	98	47.52	33	69.22	83
Juli 9	2.71	28	72.97	169	36.12	39	85.95	176	49.784	113	76.33	124	47.19	30	68.39	129
19	2.43	24	71.28	209	35.73	34	84.19	220	49.671	98	75.09	145	46.89	28	67.10	172
29	2.19	18	69.19	247	35.39	27	81.99	257	49.573	79	73.64	161	46.61	24	65.38	210
Aug. 8	2.01	13	66.72	278	35.12	20	79.42	291	49.494	55	72.03	172	46.37	18	63.28	240
18	1.88	7	63.94	305	34.92	12	76.51	318	49.439	26	70.31	176	46.19	12	60.88	262
28	1.81	0	60.89	326	34.80	4	73.33	340	49.413	9	68.55	173	46.07	6	58.26	275
Sept. 7	1.81	7	57.63	341	34.76	4	69.93	355	49.422	47	66.82	163	46.01	3	55.51	278
17	1.88	15	54.22	350	34.80	14	66.38	363	49.469	90	65.19	143	46.04	11	52.73	269
27	2.03	22	50.72	351	34.94	23	62.75	365	49.559	136	63.76	118	46.15	20	50.04	250
Okt. 7	2.25	30	47.21	346	35.17	33	59.10	357	49.695	183	62.58	84	46.35	28	47.54	220
17	2.55	37	43.75	332	35.50	41	55.53	343	49.878	230	61.74	45	46.63	37	45.34	179
27	2.92	44	40.43	311	35.91	50	52.10	321	50.108	273	61.29	1	47.00	45	43.55	131
Nov. 6	3.36	51	37.32	282	36.41	59	48.89	289	50.381	312	61.28	45	47.45	51	42.24	74
16	3.87	56	34.50	245	37.00	66	46.00	249	50.693	342	61.73	93	47.96	56	41.50	15
26	4.43	61	32.05	199	37.66	70	43.51	203	51.035	365	62.66	137	48.52	59	41.35	47
Dez. 6	5.04	63	30.06	149	38.36	74	41.48	150	51.400	374	64.03	180	49.11	60	41.82	109
16	5.67	63	28.57	93	39.10	76	39.98	91	51.774	374	65.83	217	49.71	60	42.91	169
26	6.30	62	27.64	33	39.86	74	39.07	30	52.148	360	68.00	247	50.31	57	44.60	222
36	6.92		27.31		40.60		38.77		52.508		70.47		50.88		46.82	
Mittl. Ort	0.62		71.50		34.08		83.98		48.023		52.08		46.36		36.24	
sec δ, tg δ	2.339		+2.114		2.881		+2.702		1.173		−0.613		2.177		−1.934	
a, *a'*	+3.6		−19.7		+3.6		−19.8		+3.0		−19.9		+2.8		−19.9	
b, *b'*	−0.14		−0.18		−0.18		−0.14		+0.04		−0.13		+0.13		−0.12	

Tag	437) υ Leonis AR.		Dekl.		440) 3 Draconis AR.		Dekl.		441) χ Ursae maj. AR.		Dekl.		444) β Leonis AR.		Dekl.	
1935	$11^h 33^m$		$-0° 27'$		$11^h 38^m$		$+67° 5'$		$11^h 42^m$		$+48° 7'$		$11^h 45^m$		$+14° 55'$	
Jan. 1	38.503	320	59.87	214	54.46	66	53.17	15	39.313	434	62.07	79	46.053	333	55.63	181
11	38.823	296	62.01	201	55.12	62	53.02	46	39.747	406	61.28	26	46.386	310	53.82	152
21	39.119	263	64.02	183	55.74	56	53.48	105	40.153	365	61.02	28	46.696	279	52.30	120
31	39.382	224	65.85	160	56.30	47	54.53	159	40.518	314	61.30	79	46.975	240	51.10	85
Feb. 10	39.606	181	67.45	134	56.77	38	56.12	205	40.832	255	62.09	125	47.215	198	50.25	51
20	39.787	137	68.79	107	57.15	27	58.17	242	41.087	190	63.34	164	47.413	152	49.74	18
März 2	39.924	93	69.86	80	57.42	16	60.59	267	41.277	125	64.98	195	47.565	107	49.56	13
12	[16] 40.017	52	70.66	55	[18] 57.58	5	63.26	281	[19] 41.402	59	66.93	216	[19] 47.672	64	49.69	39
21	40.069	16	71.21	31	57.63	6	66.07	283	41.461	0	69.09	226	47.736	24	50.08	61
31	40.085	16	71.52	11	57.57	15	68.90	273	41.461	55	71.35	226	47.760	10	50.69	77
Apr. 10	40.069	43	71.63	8	57.42	24	71.63	252	41.406	101	73.61	218	47.750	40	51.46	88
20	40.026	63	71.55	23	57.18	31	74.15	223	41.305	139	75.79	201	47.710	63	52.34	93
30	39.963	78	71.32	34	56.87	36	76.38	186	41.166	168	77.80	175	47.647	80	53.27	93
Mai 10	39.885	88	70.98	45	56.51	40	78.24	142	40.998	189	79.55	145	47.567	94	54.20	91
20	39.797	95	70.53	52	56.11	42	79.66	94	40.809	201	81.00	110	47.473	101	55.11	84
30	39.702	98	70.01	57	55.69	44	80.60	44	40.608	207	82.10	72	47.372	106	55.95	74
Juni 9	39.604	97	69.44	61	55.25	43	81.04	8	40.401	206	82.82	31	47.266	106	56.69	62
19	39.507	93	68.83	63	54.82	42	80.96	59	40.195	198	83.13	11	47.160	103	57.31	49
29	39.414	87	68.20	62	54.40	39	80.37	109	39.997	185	83.02	52	47.057	98	57.80	33
Juli 9	39.327	78	67.58	59	54.01	35	79.28	156	39.812	169	82.50	91	46.959	89	58.13	17
19	39.249	66	66.99	55	53.66	31	77.72	200	39.643	146	81.59	130	46.870	77	58.30	1
29	39.183	50	66.44	48	53.35	26	75.72	241	39.497	120	80.29	167	46.793	63	58.29	19
Aug. 8	39.133	32	65.96	38	53.09	20	73.31	275	39.377	89	78.62	200	46.730	44	58.10	39
18	39.101	9	65.58	25	52.89	13	70.56	305	39.288	54	76.62	229	46.686	22	57.71	60
28	39.092	17	65.33	9	52.76	6	67.51	329	39.234	15	74.33	257	46.664	4	57.11	81
Sept. 7	39.109	48	65.24	11	52.70	1	64.22	347	39.219	28	71.76	278	46.668	34	56.30	104
17	39.157	82	65.35	34	52.71	10	60.75	359	39.247	76	68.98	297	46.702	68	55.26	126
27	39.239	119	65.69	59	52.81	18	57.16	363	39.323	126	66.01	309	46.770	106	54.00	149
Okt. 7	39.358	158	66.28	86	52.99	27	53.53	359	39.449	179	62.92	316	46.876	145	52.51	171
17	39.516	198	67.14	113	53.26	35	49.94	349	39.628	233	59.76	317	47.021	187	50.80	191
27	39.714	235	68.27	141	53.61	43	46.45	329	39.861	285	56.59	310	47.208	226	48.89	208
Nov. 6	39.949	271	69.68	166	54.04	51	43.16	301	40.146	334	53.49	295	47.434	264	46.81	221
16	40.220	300	71.34	187	54.55	58	40.15	265	40.480	378	50.54	273	47.698	296	44.60	229
26	40.520	321	73.21	205	55.13	63	37.50	221	40.858	411	47.81	243	47.994	321	42.31	230
Dez. 6	40.841	334	75.26	216	55.76	66	35.29	169	41.269	434	45.38	205	48.315	337	40.01	225
16	41.175	337	77.42	220	56.42	68	33.60	113	41.703	445	43.33	161	48.652	343	37.76	212
26	41.512	327	79.62	217	57.10	67	32.47	52	42.148	439	41.72	110	48.995	338	35.64	194
36	41.839		81.79		57.77		31.95		42.587		40.62		49.333		33.70	
Mittl. Ort	37.232		53.28		51.90		77.41		37.572		83.35		44.754		67.72	
sec δ, tg δ	1.000		−0.008		2.570		+2.368		1.498		+1.116		1.035		+0.267	
a, *a'*	+3.1		−19.9		+3.4		−20.0		+3.2		−20.0		+3.1		−20.0	
b, *b'*	0.00		−0.11		−0.16		−0.09		−0.07		−0.08		−0.02		−0.06	

445) β Virginis

Tag	AR.	Δ	Dekl.	Δ
1935	$11^h 47^m$		$+2° 7'$	
Jan. 1	19.771	326	43.93	211
11	20.097	305	41.82	195
21	20.402	274	39.87	174
31	20.676	237	38.13	149
Feb. 10	20.913	195	36.64	122
20	21.108	152	35.42	93
März 2	21.260	109	34.49	66
12	21.369	67	33.83	40
21*)	[20] 21.436	31	33.43	16
31	21.467	2	33.27	5
Apr. 10	21.465	30	33.32	21
20	21.435	51	33.53	36
30	21.384	69	33.89	45
Mai 10	21.315	81	34.34	54
20	21.234	89	34.88	58
30	21.145	94	35.46	60
Juni 9	21.051	95	36.06	61
19	20.956	94	36.67	60
29	20.862	89	37.27	57
Juli 9	20.773	82	37.84	52
19	20.691	72	38.36	44
29	20.619	59	38.80	36
Aug. 8	20.560	41	39.16	23
18	20.519	20	39.39	10
28	20.499	6	39.49	7
Sept. 7	20.505	35	39.42	28
17	20.540	70	39.14	50
27	20.610	106	38.64	75
Okt. 7	20.716	146	37.89	100
17	20.862	187	36.89	127
27	21.049	226	35.62	152
Nov. 6	21.275	263	34.10	176
16	21.538	294	32.34	195
26	21.832	318	30.39	209
Dez. 6	22.150	333	28.30	219
16	22.483	339	26.11	220
26	22.822	332	23.91	215
36	23.154		21.76	
Mittl. Ort	18.564		51.71	
sec δ, tg δ	1.001		+0.037	
a, a'	+3.1		−20.0	
b, b'	0.00		−0.06	

447) γ Ursae maj.

Tag	AR.	Δ	Dekl.	Δ
1935	$11^h 50^m$		$+54° 2'$	
Jan. 1	27.059	481	59.20	70
11	27.540	453	58.50	12
21	27.993	410	58.38	44
31	28.403	355	58.82	99
Feb. 10	28.758	291	59.81	146
20	29.049	219	61.27	187
März 2	29.268	146	63.14	218
12	29.414	73	65.32	239
21*)	[21] 29.487	3	67.71	250
31	29.490	60	70.21	248
Apr. 10	29.430	115	72.69	238
20	29.315	160	75.07	218
30	29.155	197	77.25	190
Mai 10	28.958	224	79.15	156
20	28.734	240	80.71	117
30	28.494	250	81.88	74
Juni 9	28.244	250	82.62	30
19	27.994	244	82.92	15
29	27.750	229	82.77	60
Juli 9	27.521	212	82.17	104
19	27.309	187	81.13	145
29	27.122	158	79.68	185
Aug. 8	26.964	123	77.83	220
18	26.841	84	75.63	252
28	26.757	39	73.11	279
Sept. 7	26.718	10	70.32	302
17	26.728	63	67.30	319
27	26.791	121	64.11	332
Okt. 7	26.912	180	60.79	336
17	27.092	241	57.43	335
27	27.333	300	54.08	325
Nov. 6	27.633	356	50.83	308
16	27.989	406	47.75	282
26	28.395	446	44.93	247
Dez. 6	28.841	474	42.46	205
16	29.315	487	40.41	157
26	29.802	486	38.84	103
36	30.288		37.81	
Mittl. Ort	25.263		81.93	
sec δ, tg δ	1.704		+1.379	
a, a'	+3.2		−20.0	
b, b'	−0.09		−0.04	

450) o Virginis

Tag	AR	Δ	Dekl.	Δ
1935	$12^h 1^m$		$+9° 5'$	
Jan. 1	55.086	332	27.37	198
11	55.418	313	25.39	176
21	55.731	284	23.63	148
31	56.015	249	22.15	118
Feb. 10	56.264	209	20.97	86
20	56.473	165	20.11	53
März 2	56.638	123	19.58	23
12	56.761	81	19.35	4
21*)	56.842	42	19.39	28
31	[23] 56.884	8	19.67	47
Apr. 10	56.892	21	20.14	62
20	56.871	45	20.76	71
30	56.826	64	21.47	78
Mai 10	56.762	78	22.25	79
20	56.684	89	23.04	78
30	56.595	96	23.82	74
Juni 9	56.499	100	24.56	68
19	56.399	99	25.24	59
29	56.300	97	25.83	48
Juli 9	56.203	92	26.31	37
19	56.111	83	26.68	23
29	56.028	71	26.91	9
Aug. 8	55.957	55	27.00	8
18	55.902	35	26.92	27
28	55.867	10	26.65	46
Sept. 7	55.857	18	26.19	68
17	55.875	52	25.51	91
27	55.927	89	24.60	115
Okt. 7	56.016	130	23.45	139
17	56.146	171	22.06	162
27	56.317	212	20.44	183
Nov. 6	56.529	250	18.61	202
16	56.779	285	16.59	215
26	57.064	311	14.44	223
Dez. 6	57.375	331	12.21	225
16	57.706	338	9.96	219
26	58.044	336	7.77	207
36	58.380		5.70	
Mittl. Ort	53.927		37.87	
sec δ, tg δ	1.013		+0.160	
a, a'	+3.1		−20.0	
b, b'	−0.01		+0.01	

452) δ Centauri

Tag	AR.	Δ	Dekl.	Δ
1935	$12^h 4^m$		$-50° 21'$	
Jan. 1	59.671	452	28.93	230
11	60.123	420	31.23	268
21	60.543	380	33.91	296
31	60.923	329	36.87	317
Feb. 10	61.252	274	40.04	329
20	61.526	216	43.33	333
März 2	61.742	157	46.66	330
12	61.899	101	49.96	319
21*)	62.000	48	53.15	302
31	[24] 62.048	0	56.17	281
Apr. 10	62.048	45	58.98	254
20	62.003	83	61.52	223
30	61.920	117	63.75	188
Mai 10	61.803	145	65.63	150
20	61.658	169	67.13	110
30	61.489	187	68.23	69
Juni 9	61.302	200	68.92	25
19	61.102	208	69.17	19
29	60.894	209	68.98	61
Juli 9	60.685	203	68.37	102
19	60.482	191	67.35	139
29	60.291	170	65.96	173
Aug. 8	60.121	142	64.23	200
18	59.979	105	62.23	220
28	59.874	61	60.03	234
Sept. 7	59.813	8	57.69	236
17	59.805	51	55.33	231
27	59.856	113	53.02	215
Okt. 7	59.969	180	50.87	189
17	60.149	245	48.98	154
27	60.394	307	47.44	111
Nov. 6	60.701	364	46.33	62
16	61.065	409	45.71	9
26	61.474	444	45.62	46
Dez. 6	61.918	465	46.08	102
16	62.383	471	47.10	154
26	62.854	462	48.64	202
36	63.316		50.66	
Mittl. Ort	58.819		37.62	
sec δ, tg δ	1.567		−1.207	
a, a'	+3.1		−20.0	
b, b'	+0.08		+0.02	

*) Bei Stern 450) und 452) lies März 22

Scheinbare Sternörter 1935

Tag	453) ε Corvi AR.		453) ε Corvi Dekl.		454) 4 H. Draconis AR.		454) 4 H. Draconis Dekl.		456) δ Ursae maj. AR.		456) δ Ursae maj. Dekl.		459) β Chamael. AR.		459) β Chamael. Dekl.	
1935	$12^h\ 6^m$		−22° 15′		$12^h\ 9^m$		+77° 57′		$12^h\ 12^m$		+57° 22′		$12^h\ 14^m$		−78° 56′	
Jan. 1	47.663	348	29.53	236	13.62	115	72.39	25	14.731	517	72.96	86	29.74	125	51.50	173
11	48.011	326	31.89	246	14.77	111	72.14	41	15.248	495	72.10	25	30.99	118	53.23	228
21	48.337	296	34.35	250	15.88	102	72.55	104	15.743	456	71.85	35	32.17	106	55.51	276
31	48.633	260	36.85	247	16.90	90	73.59	162	16.199	404	72.20	92	33.23	92	58.27	316
Feb. 10	48.893	218	39.32	237	17.80	74	75.21	212	16.603	340	73.12	144	34.15	77	61.43	346
20	49.111	175	41.69	224	18.54	57	77.33	254	16.943	266	74.56	189	34.92	60	64.89	369
März 2	49.286	131	43.93	205	19.11	37	79.87	284	17.209	189	76.45	225	35.52	43	68.58	383
12	49.417	90	45.98	184	19.48	17	82.71	301	17.398	111	78.70	250	35.95	25	72.41	386
22	49.507	51	47.82	161	19.65	3	85.72	307	17.509	35	81.20	263	36.20	8	76.27	383
31	25 49.558	17	49.43	138	23 19.62	22	88.79	299	26 17.544	36	83.83	266	27 36.28	9	80.10	371
Apr. 10	49.575	13	50.81	112	19.40	39	91.78	280	17.508	100	86.49	258	36.19	25	83.81	351
20	49.562	39	51.93	88	19.01	55	94.58	251	17.408	155	89.07	239	35.94	39	87.32	325
30	49.523	59	52.81	63	18.46	68	97.09	214	17.253	199	91.46	214	35.55	52	90.57	291
Mai 10	49.464	77	53.44	38	17.78	78	99.23	169	17.054	235	93.60	179	35.03	65	93.48	252
20	49.387	90	53.82	14	17.00	85	100.92	118	16.819	261	95.39	140	34.38	75	96.00	208
30	49.297	100	53.96	10	16.15	90	102.10	65	16.558	277	96.79	97	33.63	84	98.08	159
Juni 9	49.197	107	53.86	32	15.25	92	102.75	10	16.281	285	97.76	50	32.79	89	99.67	107
19	49.090	111	53.54	54	14.33	92	102.85	45	15.996	284	98.26	3	31.90	94	100.74	53
29	48.979	111	53.00	74	13.41	88	102.40	100	15.712	275	98.29	44	30.96	95	101.27	4
Juli 9	48.868	107	52.26	92	12.53	83	101.40	151	15.437	261	97.85	92	30.01	93	101.23	58
19	48.761	100	51.34	106	11.70	77	99.89	200	15.176	238	96.93	136	29.08	88	100.65	112
29	48.661	88	50.28	117	10.93	67	97.89	244	14.938	212	95.57	178	28.20	81	99.53	161
Aug. 8	48.573	71	49.11	124	10.26	57	95.45	283	14.726	176	93.79	218	27.39	69	97.92	207
18	48.502	49	47.87	126	9.69	46	92.62	317	14.550	137	91.61	253	26.70	57	95.85	244
28	48.453	22	46.61	121	9.23	33	89.45	344	14.413	90	89.08	284	26.13	40	93.41	274
Sept. 7	48.431	12	45.40	112	8.90	18	86.01	365	14.323	39	86.24	309	25.73	21	90.67	293
17	48.443	49	44.28	96	8.72	4	82.36	378	14.284	19	83.15	330	25.52	1	87.74	302
27	48.492	92	43.32	73	8.68	12	78.58	385	14.303	80	79.85	344	25.51	20	84.72	299
Okt. 7	48.584	137	42.59	45	8.80	28	74.73	381	14.383	146	76.41	351	25.71	42	81.73	284
17	48.721	182	42.14	12	9.08	44	70.92	372	14.529	214	72.90	352	26.13	62	78.89	258
27	48.903	228	42.02	24	9.52	60	67.20	351	14.743	281	69.38	343	26.75	82	76.31	219
Nov. 6	49.131	269	42.26	63	10.12	75	63.69	324	15.024	345	65.95	327	27.57	99	74.12	172
16	49.400	304	42.89	101	10.87	88	60.45	285	15.369	403	62.68	301	28.56	113	72.40	117
26	49.704	333	43.90	139	11.75	100	57.60	241	15.772	452	59.67	267	29.69	124	71.23	56
Dez. 6	50.037	350	45.29	172	12.75	108	55.19	186	16.224	490	57.00	225	30.93	129	70.67	7
16	50.387	358	47.01	201	13.83	114	53.33	128	16.714	512	54.75	176	32.22	132	70.74	72
26	50.745	353	49.02	224	14.97	115	52.05	63	17.226	518	52.99	120	33.54	129	71.46	135
36	51.098		51.26		16.12		51.42		17.744		51.79		34.83		72.81	
Mittl. Ort	46.683		29.88		10.63		98.59		13.132		96.95		29.53		65.02	
sec δ, tg δ	1.080		−0.409		4.801		+4.696		1.856		+1.563		5.218		−5.121	
a, *a′*	+3.1		−20.0		+2.8		−20.0		+3.0		−20.0		+3.5		−20.0	
b, *b′*	+0.03		+ 0.03		−0.31		+ 0.04		−0.10		+ 0.05		+0.34		+ 0.06	

Tag	460) η Virginis AR.		460) η Virginis Dekl.		462) α Crucis med. AR.		462) α Crucis med. Dekl.		466) 20 Comae AR.		466) 20 Comae Dekl.		465) δ Corvi AR.		465) δ Corvi Dekl.	
1935	12h 16m		−0° 18′		12h 22m		−62° 44′		12h 26m		+21° 14′		12h 26m		−16° 9′	
Jan. 1	35.802 s	333	28.12″	214	58.94 s	60	10.98″	193	28.535 s	349	65.76″	185	30.779 s	344	15.57″	224
11	36.135	315	30.26	202	59.54	57	12.91	240	28.884	335	63.91	150	31.123	328	17.81	230
21	36.450	290	32.28	184	60.11	51	15.31	281	29.219	310	62.41	111	31.451	301	20.11	228
31	36.740	256	34.12	162	60.62	46	18.12	312	29.529	277	61.30	71	31.752	269	22.39	220
Feb. 10	36.996	218	35.74	135	61.08	38	21.24	336	29.806	239	60.59	29	32.021	231	24.59	207
20	37.214	178	37.09	108	61.46	31	24.60	350	30.045	196	60.30	9	32.252	191	26.66	190
März 2	37.392	137	38.17	80	61.77	24	28.10	356	30.241	151	60.39	45	32.443	150	28.56	170
12	37.529	96	38.97	54	62.01	16	31.66	356	30.392	107	60.84	76	32.593	109	30.26	148
22	37.625	59	39.51	28	62.17	9	35.22	346	30.499	66	61.60	100	32.702	72	31.74	125
31	[27] 37.684	25	39.79	7	[29] 62.26	2	38.68	331	[30] 30.565	28	62.60	119	[30] 32.774	39	32.99	102
Apr. 10	37.709	3	39.86	12	62.28	4	41.99	308	30.593	6	63.79	130	32.813	8	34.01	79
20	37.706	28	39.74	28	62.24	11	45.07	281	30.587	34	65.09	135	32.821	18	34.80	57
30	37.678	48	39.46	39	62.13	16	47.88	247	30.553	59	66.44	134	32.803	40	35.37	37
Mai 10	37.630	65	39.07	49	61.97	20	50.35	209	30.494	77	67.78	127	32.763	58	35.74	17
20	37.565	77	38.58	56	61.77	24	52.44	168	30.417	92	69.05	116	32.705	74	35.91	2
30	37.488	86	38.02	60	61.53	28	54.12	122	30.325	103	70.21	100	32.631	86	35.89	20
Juni 9	37.402	92	37.42	63	61.25	31	55.34	75	30.222	111	71.21	83	32.545	95	35.69	36
19	37.310	96	36.79	62	60.94	32	56.09	26	30.111	114	72.04	62	32.450	102	35.33	51
29	37.214	97	36.17	61	60.62	34	56.35	23	29.997	115	72.66	40	32.348	104	34.82	65
Juli 9	37.117	94	35.56	58	60.28	33	56.12	73	29.882	112	73.06	17	32.244	105	34.17	77
19	37.023	88	34.98	52	59.95	31	55.39	118	29.770	106	73.23	8	32.139	101	33.40	86
29	36.935	78	34.46	45	59.64	30	54.21	162	29.664	96	73.15	34	32.038	92	32.54	92
Aug. 8	36.857	65	34.01	35	59.34	25	52.59	199	29.568	82	72.81	58	31.946	79	31.62	95
18	36.792	47	33.66	22	59.09	20	50.60	230	29.486	63	72.23	84	31.867	61	30.67	94
28	36.745	23	33.44	6	58.89	14	48.30	253	29.423	39	71.39	110	31.806	36	29.73	88
Sept. 7	36.722	5	33.38	12	58.75	7	45.77	267	29.384	11	70.29	136	31.770	6	28.85	76
17	36.727	39	33.50	34	58.68	1	43.10	270	29.373	24	68.93	161	31.764	29	28.09	60
27	36.766	76	33.84	57	58.69	10	40.40	262	29.397	62	67.32	184	31.793	69	27.49	40
Okt. 7	36.842	116	34.41	84	58.79	19	37.78	244	29.459	103	65.48	206	31.862	113	27.09	13
17	36.958	159	35.25	110	58.98	29	35.34	215	29.562	148	63.42	225	31.975	158	26.96	17
27	37.117	202	36.35	136	59.27	37	33.19	176	29.710	192	61.17	240	32.133	203	27.13	50
Nov. 6	37.319	241	37.71	162	59.64	45	31.43	129	29.902	236	58.77	251	32.336	246	27.63	84
16	37.560	277	39.33	183	60.09	52	30.14	75	30.138	275	56.26	255	32.582	284	28.47	117
26	37.837	305	41.16	201	60.61	57	29.39	17	30.413	307	53.71	253	32.866	314	29.64	149
Dez. 6	38.142	326	43.17	213	61.18	60	29.22	43	30.720	332	51.18	242	33.180	335	31.13	176
16	38.468	336	45.30	219	61.78	62	29.65	102	31.052	346	48.76	226	33.515	347	32.89	200
26	38.804	335	47.49	217	62.40	61	30.67	158	31.398	350	46.50	201	33.862	347	34.89	216
36	39.139		49.66		63.01		32.25		31.748		44.49		34.209		37.05	
Mittl. Ort	34.780		20.63		58.35		22.15		27.469		80.83		29.883		13.54	
sec δ, tg δ	1.000		−0.005		2.183		−1.941		1.073		+0.389		1.041		−0.290	
a, a′	+3.1		−20.0		+3.3		−19.9		+3.0		−19.9		+3.1		−19.9	
b, b′	0.00		+ 0.07		+0.13		+ 0.10		−0.03		+ 0.12		+0.02		+ 0.12	

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Tag	470) 8 Canum ven. AR.	Δ	470) Dekl.	Δ	472) κ Draconis AR.	Δ	472) Dekl.	Δ	471) β Corvi AR.	Δ	471) Dekl.	Δ	473) 24 Comae sq. AR.	Δ	473) Dekl.	Δ
1935	12h 30m		+41° 41′		12h 30m		+70° 7′		12h 30m		−23° 2′		12h 31m		+18° 43	
Jan. 1	40.811 s	405	76.08 ″	144	44.83 s	75	80.50 ″	75	58.913 s	356	14.89 ″	223	53.279 s	346	50.34 ″	191
11	41.216	390	74.64	93	45.58	73	79.75	9	59.269	340	17.12	235	53.625	333	48.43	159
21	41.606	364	73.71	39	46.31	69	79.66	55	59.609	313	19.47	240	53.958	309	46.84	123
31	41.970	327	73.32	15	47.00	61	80.21	116	59.922	281	21.87	240	54.267	277	45.61	83
Feb. 10	42.297	281	73.47	66	47.61	53	81.37	172	60.203	241	24.27	232	54.544	240	44.78	44
20	42.578	230	74.13	112	48.14	42	83.09	219	60.444	201	26.59	221	54.784	199	44.34	6
März 2	42.808	175	75.25	152	48.56	31	85.28	257	60.645	159	28.80	205	54.983	155	44.28	30
12	42.983	119	76.77	183	48.87	19	87.85	282	60.804	118	30.85	186	55.138	112	44.58	61
22	43.102	66	78.60	206	49.06	6	90.67	297	60.922	79	32.71	164	55.250	72	45.19	87
31	[31] 43.168	16	80.66	218	[31] 49.12	5	93.64	297	[31] 61.001	44	34.35	142	[31] 55.322	35	46.06	106
Apr. 10	43.184	29	82.84	221	49.07	16	96.61	288	61.045	13	35.77	119	55.357	1	47.12	119
20	43.155	68	85.05	216	48.91	26	99.49	267	61.058	15	36.96	95	55.358	27	48.31	125
30	43.087	101	87.21	201	48.65	34	102.16	237	61.043	38	37.91	72	55.331	51	49.56	127
Mai 10	42.986	128	89.22	180	48.31	41	104.53	199	61.005	58	38.63	48	55.280	70	50.83	122
20	42.858	148	91.02	154	47.90	46	106.52	155	60.947	76	39.11	25	55.210	85	52.05	113
30	42.710	162	92.56	121	47.44	50	108.07	106	60.871	90	39.36	2	55.125	98	53.18	100
Juni 9	42.548	172	93.77	87	46.94	52	109.13	53	60.781	100	39.38	20	55.027	105	54.18	84
19	42.376	177	94.64	49	46.42	52	109.66	1	60.681	109	39.18	42	54.922	110	55.02	66
29	42.199	176	95.13	9	45.90	52	109.67	52	60.572	113	38.76	61	54.812	112	55.68	46
Juli 9	42.023	171	95.22	29	45.38	50	109.15	104	60.459	114	38.15	80	54.700	111	56.14	25
19	41.852	162	94.93	68	44.88	47	108.11	154	60.345	110	37.35	95	54.589	105	56.39	2
29	41.690	147	94.25	106	44.41	43	106.57	200	60.235	103	36.40	108	54.484	97	56.41	22
Aug. 8	41.543	128	93.19	143	43.98	38	104.57	243	60.132	89	35.32	117	54.387	83	56.19	46
18	41.415	103	91.76	178	43.60	31	102.14	282	60.043	70	34.15	121	54.304	66	55.73	70
28	41.312	73	89.98	209	43.29	23	99.32	313	59.973	44	32.94	120	54.238	43	55.03	95
Sept. 7	41.239	38	87.89	238	43.06	16	96.19	341	59.929	13	31.74	112	54.195	15	54.08	120
17	41.201	4	85.51	264	42.90	7	92.78	360	59.916	24	30.62	100	54.180	18	52.88	146
27	41.205	49	82.87	285	42.83	2	89.18	374	59.940	67	29.62	79	54.198	56	51.42	169
Okt. 7	41.254	98	80.02	302	42.85	13	85.44	379	60.007	113	28.83	55	54.254	98	49.73	192
17	41.352	151	77.00	311	42.98	23	81.65	377	60.120	160	28.28	25	54.352	142	47.81	213
27	41.503	204	73.89	317	43.21	34	77.88	365	60.280	207	28.03	10	54.494	186	45.68	229
Nov. 6	41.707	256	70.72	312	43.55	44	74.23	344	60.487	253	28.13	47	54.680	230	43.39	242
16	41.963	303	67.60	301	43.99	53	70.79	314	60.740	292	28.60	85	54.910	269	40.97	249
26	42.266	344	64.59	281	44.52	61	67.65	276	61.032	324	29.45	121	55.179	302	38.48	249
Dez. 6	42.610	375	61.78	253	45.13	68	64.89	228	61.356	346	30.66	155	55.481	326	35.99	242
16	42.985	395	59.25	216	45.81	73	62.61	173	61.702	359	32.21	185	55.807	342	33.57	228
26	43.380	403	57.09	173	46.54	74	60.88	112	62.061	359	34.06	209	56.149	346	31.29	205
36	43.783		55.36		47.28		59.76		62.420		36.15		56.495		29.24	
Mittl. Ort	39.646		97.15		43.16		106.61		58.072		15.15		52.263		64.68	
sec δ, tg δ	1.339		+0.891		2.944		+2.769		1.087		−0.425		1.056		+0.339	
a, *a′*	+2.9		−19.9		+2.6		−19.9		+3.1		−19.9		+3.0		−19.8	
b, *b′*	−0.06		+0.13		−0.18		+0.13		+0.03		+0.13		−0.02		+0.14	

Tag	474) α Muscae AR.	Diff.	474) α Muscae Dekl.	Diff.	476) γ Centauri AR.	Diff.	476) γ Centauri Dekl.	Diff.	478) 76 Ursae maj. AR.	Diff.	478) 76 Ursae maj. Dekl.	Diff.	481) β Crucis AR.	Diff.	481) β Crucis Dekl.	Diff.
1935	12h 33m		−68° 46′		12h 37m		−48° 36′		12h 38m		+63° 3′		12h 43m		−59° 19′	
Jan. 1	17.59	74	28.12	167	55.894	456	3.41	195	45.34	59	45.45	103	54.935	563	51.45	172
11	18.33	70	29.79	220	56.350	436	5.36	234	45.93	58	44.42	40	55.498	539	53.17	218
21	19.03	65	31.99	265	56.786	402	7.70	265	46.51	55	44.02	24	56.037	500	55.35	258
31	19.68	57	34.64	302	57.188	361	10.35	288	47.06	49	44.26	86	56.537	450	57.93	290
Feb. 10	20.25	49	37.66	330	57.549	312	13.23	303	47.55	43	45.12	142	56.987	392	60.83	315
20	20.74	41	40.96	351	57.861	261	16.26	311	47.98	35	46.54	192	57.379	329	63.98	330
März 2	21.15	31	44.47	363	58.122	207	19.37	311	48.33	26	48.46	232	57.708	263	67.28	338
12	21.46	22	48.10	366	58.329	154	22.48	305	48.59	17	50.78	262	57.971	196	70.66	339
22	21.68	13	51.76	361	58.483	103	25.53	292	48.76	8	53.40	281	58.167	131	74.05	332
31*)	21.81	4	55.37	350	58.586	56	28.45	276	48.84	0	56.21	286	58.298	69	77.37	320
Apr. 10	21.85	4	58.87	331	58.642	10	31.21	254	48.84	9	59.07	282	58.367	10	80.57	300
20	21.81	12	62.18	306	58.652	30	33.75	227	48.75	15	61.89	267	58.377	45	83.57	275
30	21.69	19	65.24	274	58.622	66	36.02	198	48.60	23	64.56	241	58.332	95	86.32	246
Mai 10	21.50	26	67.98	238	58.556	99	38.00	164	48.37	27	66.97	208	58.237	141	88.78	212
20	21.24	32	70.36	197	58.457	127	39.64	129	48.10	31	69.05	168	58.096	182	90.90	173
30	20.92	36	72.33	151	58.330	152	40.93	91	47.79	34	70.73	124	57.914	217	92.63	132
Juni 9	20.56	41	73.84	103	58.178	172	41.84	50	47.45	36	71.97	75	57.697	247	93.95	87
19	20.15	43	74.87	52	58.006	187	42.34	10	47.09	36	72.72	25	57.450	268	94.82	41
29	19.72	44	75.39	0	57.819	196	42.44	30	46.73	37	72.97	26	57.182	283	95.23	6
Juli 9	19.28	45	75.39	52	57.623	200	42.14	71	46.36	36	72.71	76	56.899	288	95.17	52
19	18.83	43	74.87	102	57.423	195	41.43	108	46.00	33	71.95	126	56.611	284	94.65	99
29	18.40	41	73.85	149	57.228	183	40.35	142	45.67	31	70.69	171	56.327	269	93.66	140
Aug. 8	17.99	36	72.36	191	57.045	164	38.93	172	45.36	28	68.98	214	56.058	241	92.26	177
18	17.63	29	70.45	227	56.881	134	37.21	196	45.08	23	66.84	254	55.817	204	90.49	210
28	17.34	22	68.18	256	56.747	97	35.25	212	44.85	18	64.30	288	55.613	152	88.39	235
Sept. 7	17.12	13	65.62	274	56.650	49	33.13	222	44.67	12	61.42	318	55.461	91	86.04	250
17	16.99	3	62.88	283	56.601	4	30.91	221	44.55	5	58.24	341	55.370	20	83.54	257
27	16.96	9	60.05	281	56.605	65	28.70	211	44.50	1	54.83	358	55.350	58	80.97	253
Okt. 7	17.05	20	57.24	266	56.670	130	26.59	192	44.51	10	51.25	368	55.408	142	78.44	238
17	17.25	32	54.58	242	56.800	196	24.67	163	44.61	17	47.57	370	55.550	228	76.06	214
27	17.57	44	52.16	206	56.996	261	23.04	127	44.78	26	43.87	364	55.778	311	73.92	178
Nov. 6	18.01	53	50.10	160	57.257	321	21.77	83	45.04	34	40.23	348	56.089	387	72.14	135
16	18.54	62	48.50	108	57.578	373	20.94	35	45.38	41	36.75	324	56.476	454	70.79	85
26	19.16	68	47.42	51	57.951	416	20.59	17	45.79	48	33.51	290	56.930	507	69.94	31
Dez. 6	19.84	73	46.91	11	58.367	444	20.76	69	46.27	52	30.61	247	57.437	545	69.63	27
16	20.57	76	47.02	71	58.811	460	21.45	120	46.79	57	28.14	196	57.982	566	69.90	83
26	21.33	75	47.73	131	59.271	461	22.65	167	47.36	59	26.18	139	58.548	568	70.73	138
36	22.08		49.04		59.732		24.32		47.95		24.79		59.116		72.11	
Mittl. Ort	17.24		40.17		55.257		11.25		44.03		70.85		54.477		61.66	
sec δ, tg δ	2.763		−2.575		1.512		−1.134		2.208		+1.969		1.961		−1.686	
a, a′	+3.6		−19.8		+3.3		−19.8		+2.6		−19.8		+3.5		−19.7	
b, b′	+0.17		+ 0.14		+0.07		+ 0.16		−0.13		+ 0.17		+0.11		+ 0.19	

*) Bei Stern 476), 478) und 481) lies April 1

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Tag	482) *n* Centauri AR.		482) *n* Centauri Dekl.		483) ε Ursae maj. AR.		483) ε Ursae maj. Dekl.		484) δ Virginis AR.		484) δ Virginis Dekl.		486) 8 Draconis AR.		486) 8 Draconis Dekl.	
1935	$12^h\ 49^m$		$-39°\ 49'$		$12^h\ 51^m$		$+56°\ 17'$		$12^h\ 52^m$		$+3°\ 44'$		$12^h\ 52^m$		$+65°\ 46'$	
Jan. 1	50.300	412	28.01	195	11.593	503	79.78	134	20.524	336	51.27	211	54.76	64	60.86	114
11	50.712	396	29.96	226	12.096	494	78.44	74	20.860	327	49.16	196	55.40	63	59.72	51
21	51.108	370	32.22	250	12.590	470	77.70	11	21.187	306	47.20	174	56.03	60	59.21	15
31	51.478	335	34.72	266	13.060	430	77.59	50	21.493	279	45.46	147	56.63	55	59.36	79
Feb. 10	51.813	294	37.38	275	13.490	377	78.09	107	21.772	245	43.99	118	57.18	48	60.15	137
20	52.107	249	40.13	277	13.867	315	79.16	160	22.017	208	42.81	88	57.66	40	61.52	190
März 2	52.356	204	42.90	274	14.182	245	80.76	203	22.225	170	41.93	57	58.06	31	63.42	232
12	52.560	157	45.64	265	14.427	174	82.79	237	22.395	131	41.36	27	58.37	22	65.74	265
22	52.717	113	48.29	250	14.601	100	85.16	260	22.526	94	41.09	2	58.59	11	68.39	286
Apr. 1	52.830	72	50.79	233	14.701	31	87.76	272	22.620	59	41.07	22	58.70	2	71.25	295
10	52.902	33	53.12	212	14.732	34	90.48	273	22.679	29	41.29	40	58.72	7	74.20	292
20	52.935	2	55.24	188	14.698	94	93.21	263	22.708	1	41.69	54	58.65	16	77.12	278
30	52.933	33	57.12	160	14.604	144	95.84	244	22.709	22	42.23	66	58.49	23	79.90	255
Mai 10	52.900	62	58.72	132	14.460	187	98.28	216	22.687	43	42.89	71	58.26	28	82.45	222
20	52.838	87	60.04	101	14.273	223	100.44	182	22.644	59	43.60	75	57.98	34	84.67	183
30	52.751	109	61.05	68	14.050	249	102.26	142	22.585	74	44.35	76	57.64	38	86.50	138
Juni 9	52.642	128	61.73	34	13.801	267	103.68	98	22.511	86	45.11	73	57.26	41	87.88	89
19	52.514	143	62.07	1	13.534	279	104.66	52	22.425	95	45.84	69	56.85	42	88.77	39
29	52.371	152	62.08	33	13.255	282	105.18	3	22.330	101	46.53	62	56.43	42	89.16	13
Juli 9	52.219	158	61.75	66	12.973	278	105.21	44	22.229	104	47.15	54	56.01	42	89.03	66
19	52.061	158	61.09	96	12.695	268	104.77	92	22.125	103	47.69	44	55.59	40	88.37	115
29	51.903	151	60.13	125	12.427	250	103.85	138	22.022	99	48.13	33	55.19	38	87.22	164
Aug. 8	51.752	137	58.88	149	12.177	226	102.47	181	21.923	90	48.46	19	54.81	33	85.58	209
18	51.615	115	57.39	167	11.951	194	100.66	222	21.833	75	48.65	4	54.48	30	83.49	250
28	51.500	85	55.72	179	11.757	156	98.44	257	21.758	56	48.69	15	54.18	24	80.99	286
Sept. 7	51.415	47	53.93	185	11.601	109	95.87	289	21.702	30	48.54	34	53.94	17	78.13	318
17	51.368	3	52.08	182	11.492	56	92.98	316	21.672	2	48.20	55	53.77	10	74.95	343
27	51.365	49	50.26	171	11.436	2	89.82	338	21.674	37	47.65	80	53.67	3	71.52	362
Okt. 7	51.414	104	48.55	152	11.438	68	86.44	352	21.711	79	46.85	104	53.64	6	67.90	373
17	51.518	162	47.03	124	11.506	135	82.92	359	21.790	122	45.81	129	53.70	15	64.17	377
27	51.680	221	45.79	90	11.641	204	79.33	359	21.912	167	44.52	153	53.85	23	60.40	372
Nov. 6	51.901	275	44.89	50	11.845	274	75.74	349	22.079	211	42.99	177	54.08	33	56.68	358
16	52.176	323	44.39	6	12.119	339	72.25	331	22.290	251	41.22	195	54.41	42	53.10	335
26	52.499	363	44.33	40	12.458	396	68.94	303	22.541	285	39.27	209	54.83	49	49.75	301
Dez. 6	52.862	393	44.73	86	12.854	443	65.91	266	22.826	311	37.18	219	55.32	55	46.74	259
16	53.255	410	45.59	131	13.297	477	63.25	220	23.137	329	34.99	221	55.87	60	44.15	208
26	53.665	413	46.90	170	13.774	496	61.05	168	23.466	334	32.78	216	56.47	62	42.07	151
36	54.078		48.60		14.270		59.37		23.800		30.62		57.09		40.56	
Mittl. Ort	49.665		33.28		10.544		104.24		19.699		60.75		53.65		86.77	
sec δ, tg δ	1.302		−0.834		1.803		+1.500		1.002		+0.066		2.439		+2.224	
a, *a'*	+3.3		−19.6		+2.6		−19.5		+3.1		−19.5		+2.4		−19.5	
b, *b'*	+0.05		+ 0.22		−0.10		+ 0.22		0.00		+ 0.23		−0.14		+ 0.23	

Tag	485) 12 Can. ven. sq. AR.		Dekl.		488) ε Virginis AR.		Dekl.		490) ϑ Virginis AR.		Dekl.		492) 43 Comae AR.		Dekl.	
1935	12h 52m		+38° 39′		12h 58m		+11° 17′		13h 6m		−5° 11′		13h 8m		+28° 11′	
Jan. 1	60.376	392	47.90	171	57.281	340	76.98	208	35.644	340	39.49	211	51.298	359	68.10	196
11	60.768	383	46.19	122	57.621	331	74.90	184	35.984	331	41.60	206	51.657	354	66.14	154
21	61.151	364	44.97	69	57.952	312	73.06	154	36.315	314	43.66	193	52.011	337	64.60	110
31	61.515	331	44.28	15	58.264	286	71.52	122	36.629	288	45.59	176	52.348	312	63.50	62
Feb. 10	61.846	292	44.13	37	58.550	253	70.30	85	36.917	256	47.35	155	52.660	277	62.88	15
20	62.138	246	44.50	86	58.803	216	69.45	50	37.173	222	48.90	130	52.937	239	62.73	32
März 2	62.384	196	45.36	128	59.019	177	68.95	15	37.395	184	50.20	105	53.176	196	63.05	74
12	62.580	145	46.64	164	59.196	138	68.80	16	37.579	148	51.25	79	53.372	152	63.79	111
22	62.725	94	48.28	191	59.334	100	68.96	45	37.727	111	52.04	54	53.524	109	64.90	141
Apr. 1	62.819	47	50.19	209	59.434	64	69.41	67	37.838	78	52.58	31	53.633	69	66.31	163
10	62.866	3	52.28	217	59.498	32	70.08	85	37.916	47	52.89	11	53.702	30	67.94	178
20	62.869	36	54.45	216	59.530	3	70.93	96	37.963	19	53.00	7	53.732	5	69.72	184
30	62.833	70	56.61	207	59.533	21	71.89	104	37.982	5	52.93	21	53.727	34	71.56	182
Mai 10	62.763	98	58.68	190	59.512	44	72.93	106	37.977	27	52.72	34	53.693	60	73.38	174
20	62.665	121	60.58	168	59.468	61	73.99	103	37.950	47	52.38	43	53.633	83	75.12	160
30	62.544	140	62.26	139	59.407	77	75.02	97	37.903	63	51.95	50	53.550	102	76.72	141
Juni 9	62.404	153	63.65	108	59.330	90	75.99	88	37.840	77	51.45	56	53.448	116	78.13	117
19	62.251	163	64.73	72	59.240	99	76.87	77	37.763	89	50.89	60	53.332	128	79.30	91
29	62.088	166	65.45	35	59.141	105	77.64	62	37.674	98	50.29	61	53.204	135	80.21	62
Juli 9	61.922	167	65.80	3	59.036	110	78.26	47	37.576	104	49.68	61	53.069	140	80.83	32
19	61.755	163	65.77	41	58.926	109	78.73	30	37.472	106	49.07	60	52.929	140	81.15	0
29	61.592	153	65.36	79	58.817	106	79.03	12	37.366	104	48.47	57	52.789	135	81.15	33
Aug. 8	61.439	139	64.57	116	58.711	97	79.15	8	37.262	97	47.90	50	52.654	126	80.82	64
18	61.300	118	63.41	152	58.614	83	79.07	29	37.165	85	47.40	42	52.528	112	80.18	96
28	61.182	92	61.89	185	58.531	63	78.78	51	37.080	66	46.98	30	52.416	91	79.22	128
Sept. 7	61.090	62	60.04	217	58.468	39	78.27	74	37.014	41	46.68	16	52.325	64	77.94	158
17	61.028	23	57.87	244	58.429	7	77.53	99	36.973	10	46.52	3	52.261	31	76.36	186
27	61.005	20	55.43	270	58.422	29	76.54	124	36.963	27	46.55	24	52.230	8	74.50	213
Okt. 7	61.025	69	52.73	289	58.451	69	75.30	148	36.990	68	46.79	48	52.238	51	72.37	237
17	61.094	119	49.84	304	58.520	114	73.82	171	37.058	112	47.27	74	52.289	98	70.00	257
27	61.213	173	46.80	313	58.634	159	72.11	193	37.170	159	48.01	100	52.387	147	67.43	271
Nov. 6	61.386	224	43.67	314	58.793	204	70.18	212	37.329	204	49.01	127	52.534	197	64.72	282
16	61.610	274	40.53	308	58.997	245	68.06	225	37.533	246	50.28	153	52.731	242	61.90	284
26	61.884	317	37.45	292	59.242	281	65.81	234	37.779	282	51.81	174	52.973	284	59.06	279
Dez. 6	62.201	351	34.53	269	59.523	309	63.47	236	38.061	310	53.55	192	53.257	316	56.27	266
16	62.552	375	31.84	238	59.832	328	61.11	230	38.371	328	55.47	204	53.573	341	53.61	245
26	62.927	387	29.46	197	60.160	337	58.81	217	38.699	337	57.51	209	53.914	354	51.16	215
36	63.314		27.49		60.497		56.64		39.036		59.60		54.268		49.01	
Mittl. Ort	59.438		68.48		56.474		89.17		34.932		33.00		50.520		85.84	
sec δ, tg δ	1.281		+0.800		1.020		+0.200		1.004		−0.091		1.135		+0.536	
a, *a′*	+2.8		−19.5		+3.0		−19.4		+3.1		−19.2		+2.9		−19.1	
b, *b′*	−0.05		+ 0.23		−0.01		+ 0.25		+0.01		+ 0.29		−0.03		+ 0.30	

Tag	495) γ Hydrae AR.		Dekl.		496) ι Centauri AR.		Dekl.		497) ζ Ursae maj. pr. AR.		Dekl.		498) α Virginis AR.		Dekl.	
1935	$13^h 15^m$		$-22° 49'$		$13^h 16^m$		$-36° 22'$		$13^h 21^m$		$+55° 15'$		$13^h 21^m$		$-10° 49'$	
Jan. 1	$23^s.600$	363	$45''.78$	194	$56^s.574$	402	$8''.37$	173	$19^s.385$	483	$27''.33$	170	$46^s.542$	344	$26''.15$	203
11	23.963	355	47.72	209	56.976	392	10.10	202	19.868	485	25.63	111	46.886	338	28.18	205
21	24.318	336	49.81	216	57.368	373	12.12	224	20.353	471	24.52	48	47.224	323	30.23	199
31	24.654	311	51.97	218	57.741	344	14.36	240	20.824	441	24.04	16	47.547	299	32.22	188
Feb. 10	24.965	279	54.15	213	58.085	309	16.76	247	21.265	398	24.20	75	47.846	270	34.10	172
20	25.244	243	56.28	203	58.394	270	19.23	250	21.663	344	24.95	133	48.116	236	35.82	153
März 2	25.487	205	58.31	191	58.664	228	21.73	247	22.007	283	26.28	182	48.352	201	37.35	131
12	25.692	167	60.22	174	58.892	187	24.20	239	22.290	216	28.10	221	48.553	164	38.66	108
22	25.859	131	61.96	155	59.079	145	26.59	227	22.506	149	30.31	253	48.717	129	39.74	85
Apr. 1	25.990	95	63.51	136	59.224	105	28.86	211	22.655	80	32.84	271	48.846	96	40.59	63
11	$_{11}$26.085	62	64.87	116	$_{11}$59.329	68	30.97	193	$_{13}$22.735	17	35.55	278	$_{13}$48.942	65	41.22	43
20	26.147	33	66.03	95	59.397	34	32.90	172	22.752	44	38.33	277	49.007	36	41.65	24
30	26.180	5	66.98	75	59.431	2	34.62	149	22.708	98	41.10	263	49.043	10	41.89	8
Mai 10	26.185	20	67.73	55	59.433	29	36.11	124	22.610	145	43.73	241	49.053	14	41.97	7
20	26.165	42	68.28	35	59.404	55	37.35	98	22.465	186	46.14	211	49.039	34	41.90	19
30	26.123	63	68.63	15	59.349	81	38.33	69	22.279	220	48.25	175	49.005	54	41.71	31
Juni 9	26.060	81	68.78	4	59.268	102	39.02	41	22.059	245	50.00	133	48.951	71	41.40	40
19	25.979	96	68.74	24	59.166	122	39.43	12	21.814	265	51.33	89	48.880	86	41.00	49
29	25.883	109	68.50	41	59.044	137	39.55	19	21.549	277	52.22	42	48.794	97	40.51	55
Juli 9	25.774	117	68.09	59	58.907	147	39.36	47	21.272	282	52.64	6	48.697	107	39.96	60
19	25.657	122	67.50	74	58.760	152	38.89	75	20.990	280	52.58	55	48.590	111	39.36	65
29	25.535	121	66.76	87	58.608	152	38.14	101	20.710	271	52.03	102	48.479	112	38.71	65
Aug. 8	25.414	115	65.89	97	58.456	143	37.13	124	20.439	254	51.01	148	48.367	107	38.06	65
18	25.299	101	64.92	104	58.313	129	35.89	141	20.185	230	49.53	192	48.260	96	37.41	62
28	25.198	82	63.88	107	58.184	104	34.48	155	19.955	197	47.61	231	48.164	80	36.79	54
Sept. 7	25.116	55	62.81	103	58.080	72	32.93	161	19.758	157	45.30	267	48.084	55	36.25	44
17	25.061	20	61.78	94	58.008	31	31.32	161	19.601	108	42.63	299	48.029	24	35.81	29
27	25.041	20	60.84	81	57.977	15	29.71	153	19.493	53	39.64	325	48.005	13	35.52	11
Okt. 7	25.061	66	60.03	60	57.992	69	28.18	138	19.440	9	36.39	345	48.018	54	35.41	11
17	25.127	115	59.43	36	58.061	125	26.80	114	19.449	77	32.94	359	48.072	101	35.52	36
27	25.242	165	59.07	6	58.186	182	25.66	85	19.526	146	29.35	363	48.173	148	35.88	64
Nov. 6	25.407	215	59.01	27	58.368	238	24.81	49	19.672	218	25.72	360	48.321	195	36.52	92
16	25.622	260	59.28	60	58.606	289	24.32	10	19.890	285	22.12	348	48.516	239	37.44	119
26	25.882	299	59.88	95	58.895	332	24.22	32	20.175	348	18.64	325	48.755	277	38.63	146
Dez. 6	26.181	329	60.83	127	59.227	366	24.54	74	20.523	402	15.39	294	49.032	308	40.09	168
16	26.510	351	62.10	156	59.593	388	25.28	114	20.925	443	12.45	251	49.340	329	41.77	185
26	26.861	360	63.66	181	59.981	398	26.42	151	21.368	471	9.94	202	49.669	340	43.62	198
36	27.221		65.47		60.379		27.93		21.839		7.92		50.009		45.60	
Mittl. Ort	23.007		45.28		56.074		12.13		18.740		51.66		45.933		21.45	
sec δ, tg δ	1.085		−0.421		1.242		−0.736		1.755		+1.442		1.018		−0.191	
a, *a'*	+3.3		−19.0		+3.4		−18.9		+2.4		−18.8		+3.2		−18.8	
b, *b'*	+0.03		+ 0.32		+0.05		+ 0.33		−0.09		+ 0.35		+0.01		+ 0.35	

Tag	499) Grb 2001 AR.		499) Grb 2001 Dekl.		500) 69 H. Urs. maj. AR.		500) 69 H. Urs. maj. Dekl.		501) ζ Virginis AR.		501) ζ Virginis Dekl.		502) 17 H. Can. ven. AR.		502) 17 H. Can. ven. Dekl.	
1935	$13^h 24^m$		$+72° 42'$		$13^h 26^m$		$+60° 16'$		$13^h 31^m$		$-0° 15'$		$13^h 31^m$		$+37° 30'$	
Jan. 1	28.84	81	76.56	139	4.69	53	26.80	166	23.340	336	59.82	209	54.354	380	33.05	204
11	29.65	83	75.17	74	5.22	54	25.14	105	23.676	332	61.91	198	54.734	381	31.01	156
21	30.48	81	74.43	6	5.76	53	24.09	40	24.008	320	63.89	183	55.115	371	29.45	105
31	31.29	76	74.37	60	6.29	49	23.69	25	24.328	298	65.72	159	55.486	348	28.40	50
Feb. 10	32.05	69	74.97	123	6.78	45	23.94	88	24.626	271	67.31	134	55.834	316	27.90	6
20	32.74	60	76.20	180	7.23	39	24.82	144	24.897	239	68.65	106	56.150	278	27.96	58
März 2	33.34	49	78.00	228	7.62	32	26.26	195	25.136	204	69.71	77	56.428	234	28.54	106
12	33.83	36	80.28	266	7.94	25	28.21	236	25.340	169	70.48	48	56.662	188	29.60	147
22	34.19	23	82.94	293	8.19	17	30.57	266	25.509	134	70.96	21	56.850	140	31.07	181
Apr. 1	34.42	9	85.87	307	8.36	9	33.23	284	25.643	100	71.17	2	56.990	95	32.88	206
11	34.51	3	88.94	309	8.45	1	36.07	292	25.743	70	71.15	23	57.085	50	34.94	221
20	[13] 34.48	17	92.03	300	[14] 8.46	6	38.99	288	[15] 25.813	40	70.92	39	[15] 57.135	10	37.15	228
30	34.31	27	95.03	281	8.40	12	41.87	274	25.853	14	70.53	52	57.145	27	39.43	224
Mai 10	34.04	37	97.84	250	8.28	18	44.61	250	25.867	9	70.01	62	57.118	59	41.67	213
20	33.67	46	100.34	213	8.10	23	47.11	218	25.858	31	69.39	68	57.059	89	43.80	196
30	33.21	53	102.47	169	7.87	26	49.29	180	25.827	51	68.71	71	56.970	114	45.76	171
Juni 9	32.68	58	104.16	121	7.61	30	51.09	136	25.776	68	68.00	71	56.856	134	47.47	141
19	32.10	62	105.37	69	7.31	32	52.45	90	25.708	84	67.29	70	56.722	151	48.88	109
29	31.48	64	106.06	16	6.99	34	53.35	40	25.624	96	66.59	66	56.571	164	49.97	72
Juli 9	30.84	65	106.22	38	6.65	35	53.75	11	25.528	106	65.93	61	56.407	171	50.69	35
19	30.19	64	105.84	92	6.30	34	53.64	60	25.422	111	65.32	55	56.236	175	51.04	4
29	29.55	61	104.92	143	5.96	33	53.04	110	25.311	114	64.77	45	56.061	173	51.00	44
Aug. 8	28.94	57	103.49	191	5.63	31	51.94	157	25.197	110	64.32	35	55.888	165	50.56	82
18	28.37	52	101.58	236	5.32	28	50.37	202	25.087	101	63.97	23	55.723	153	49.74	121
28	27.85	46	99.22	277	5.04	25	48.35	243	24.986	86	63.74	8	55.570	132	48.53	157
Sept. 7	27.39	37	96.45	311	4.79	20	45.92	279	24.900	63	63.66	10	55.438	104	46.96	193
17	27.02	28	93.34	341	4.59	15	43.13	311	24.837	35	63.76	28	55.334	71	45.03	224
27	26.74	18	89.93	364	4.44	8	40.02	338	24.802	1	64.04	51	55.263	30	42.79	254
Okt. 7	26.56	6	86.29	378	4.36	1	36.64	357	24.803	41	64.55	74	55.233	17	40.25	278
17	26.50	5	82.51	386	4.35	6	33.07	369	24.844	85	65.29	99	55.250	68	37.47	298
27	26.55	18	78.65	385	4.41	14	29.38	373	24.929	132	66.28	124	55.318	122	34.49	313
Nov. 6	26.73	31	74.80	374	4.55	23	25.65	368	25.061	178	67.52	148	55.440	177	31.36	320
16	27.04	43	71.06	353	4.78	30	21.97	354	25.239	223	69.00	170	55.617	229	28.16	319
26	27.47	55	67.53	322	5.08	37	18.43	329	25.462	261	70.70	189	55.846	278	24.97	310
Dez. 6	28.02	64	64.31	282	5.45	44	15.14	295	25.723	294	72.59	202	56.124	319	21.87	292
16	28.66	73	61.49	232	5.89	48	12.19	252	26.017	317	74.61	209	56.443	350	18.95	264
26	29.39	79	59.17	176	6.37	52	9.67	200	26.334	330	76.70	210	56.793	371	16.31	229
36	30.18		57.41		6.89		7.67		26.664		78.80		57.164		14.02	
Mittl. Ort	28.46		103.15		4.14		51.93		22.756		51.35		53.766		53.41	
sec δ, tg δ	3.368		+3.216		2.017		+1.752		1.000		−0.005		1.261		+0.768	
a, *a'*	+1.5		−18.7		+2.2		−18.6		+3.1		−18.5		+2.7		−18.5	
b, *b'*	−0.20		+ 0.36		−0.11		+ 0.37		0.00		+ 0.39		−0.05		+ 0.39	

Tag	504) ε Centauri				507) τ Bootis				509) η Ursae maj.				510) 89 Virginis			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1935	$13^h 35^m$		$-53° 8'$		$13^h 44^m$		$+17° 46'$		$13^h 44^m$		$+49° 37'$		$13^h 46^m$		$-17° 48'$	
Jan. 1	45.472		4.70		10.911		33.27		59.329		50.35		20.594		42.48	
11	45.980	508	5.88	118	11.250	339	31.10	217	59.759	430	48.32	203	20.946	352	44.31	183
21	46.482	502	7.49	161	11.588	338	29.21	189	60.195	436	46.85	147	21.296	350	46.22	191
31	46.965	483	9.49	200	11.918	330	27.67	154	60.625	430	45.97	88	21.634	338	48.18	196
Feb. 10	47.417	452	11.80	231	12.228	310	26.53	114	61.034	409	45.72	25	21.953	319	50.10	192
20	47.829	412	14.37	257	12.513	285	25.80	73	61.411	377	46.07	35	22.245	292	51.94	184
März 2	48.197	368	17.13	276	12.766	253	25.50	30	61.744	333	47.01	94	22.506	261	53.66	172
12	48.514	317	20.00	287	12.984	218	25.61	11	62.028	284	48.47	146	22.734	228	55.22	156
22	48.779	265	22.92	292	13.166	182	26.10	49	62.257	229	50.38	191	22.928	194	56.60	138
Apr. 1	48.992	213	25.83	291	13.310	144	26.91	81	62.429	172	52.65	227	23.087	159	57.79	119
11	49.153	161	28.68	285	13.418	108	27.99	108	62.543	114	55.17	252	23.212	125	58.79	100
20	[16] 49.264	111	31.41	273	[18] 13.491	73	29.27	128	[19] 62.601	58	57.84	267	[19] 23.306	94	59.60	81
30	49.325	61	33.97	256	13.533	42	30.69	142	62.606	5	60.55	271	23.370	64	60.23	63
Mai 10	49.339	14	36.33	236	13.545	12	32.19	150	62.562	44	63.21	266	23.406	36	60.68	45
20	49.309	30	38.43	210	13.530	15	33.68	149	62.474	88	65.71	250	23.415	9	60.97	29
30	49.236	73	40.24	181	13.491	39	35.13	145	62.347	127	67.98	227	23.399	16	61.11	14
Juni 9	49.124	112	41.73	149	13.430	61	36.48	135	62.186	161	69.94	196	23.360	39	61.10	1
19	48.976	148	42.85	112	13.349	81	37.69	121	61.997	189	71.54	160	23.300	60	60.96	14
29	48.797	179	43.59	74	13.252	97	38.73	104	61.785	212	72.75	121	23.221	79	60.69	27
Juli 9	48.591	206	43.93	34	13.141	111	39.57	84	61.556	229	73.52	77	23.124	97	60.30	39
19	48.367	224	43.86	7	13.019	122	40.18	61	61.316	240	73.83	31	23.015	109	59.79	51
29	48.131	236	43.38	48	12.890	129	40.56	38	61.071	245	73.68	15	22.895	120	59.19	60
Aug. 8	47.894	237	42.50	88	12.758	132	40.68	12	60.827	244	73.06	62	22.771	124	58.50	69
18	47.664	230	41.24	126	12.629	129	40.54	14	60.592	235	72.00	106	22.648	123	57.75	75
28	47.453	211	39.66	158	12.508	121	40.14	40	60.373	219	70.49	151	22.532	116	56.97	78
Sept. 7	47.274	179	37.79	187	12.401	107	39.45	69	60.178	195	68.57	192	22.431	101	56.19	78
17	47.136	138	35.72	207	12.316	85	38.49	96	60.014	164	66.26	231	22.353	78	55.45	74
27	47.052	84	33.51	221	12.259	57	37.25	124	59.890	124	63.61	265	22.305	48	54.80	65
Okt. 7	47.030	22	31.26	225	12.236	23	35.75	150	59.813	77	60.65	296	22.293	12	54.28	52
17	47.079	49	29.06	220	12.254	18	33.98	177	59.792	21	57.44	321	22.325	32	53.95	33
27	47.203	124	27.02	204	12.317	63	31.96	202	59.830	38	54.04	340	22.405	80	53.83	12
Nov. 6	47.403	200	25.21	181	12.427	110	29.73	223	59.932	102	50.52	352	22.534	129	53.98	15
16	47.677	274	23.74	147	12.587	160	27.33	240	60.099	167	46.97	355	22.714	180	54.40	42
26	48.020	343	22.66	108	12.793	206	24.81	252	60.330	231	43.47	350	22.941	227	55.13	73
Dez. 6	48.423	403	22.04	62	13.041	248	22.22	259	60.621	291	40.12	335	23.210	269	56.14	101
16	48.872	449	21.91	13	13.325	284	19.65	257	60.964	343	37.02	310	23.513	303	57.43	129
26	49.356	484	22.28	37	13.637	312	17.17	248	61.350	386	34.27	275	23.843	330	58.96	153
36	49.857	501	23.14	86	13.967	330	14.87	230	61.765	415	31.95	232	24.188	345	60.67	171
Mittl. Ort	45.291		12.47		10.391		47.83		58.933		73.38		20.144		39.84	
sec δ, tg δ	1.667		—1.334		1.050		+0.321		1.544		+1.177		1.050		—0.321	
a, a'	+3.8		—18.3		+2.9		—18.0		+2.4		—18.0		+3.3		—17.9	
b, b'	+0.08		+ 0.41		—0.02		+ 0.44		—0.07		+ 0.44		+0.02		+ 0.45	

Tag	512) ζ Centauri AR.	Δ	Dekl.	Δ	513) η Bootis AR.	Δ	Dekl.	Δ	517) 11 Bootis AR.	Δ	Dekl.	Δ	516) τ Virginis AR.	Δ	Dekl.	Δ
1935	13h 51m		−46° 58′		13h 51m		+18° 42′		13h 58m		+27° 41′		13h 58m		+1° 51′	
	s		″		s		″		s		″		s		″	
Jan. 1	28.533	458	3.85	113	35.862	338	67.31	222	14.109	347	41.63	225	20.647	331	20.25	209
11	28.991	457	4.98	152	36.200	340	65.09	192	14.456	353	39.38	188	20.978	333	18.16	196
21	29.448	443	6.50	186	36.540	332	63.17	156	14.809	347	37.50	143	21.311	325	16.20	178
31	29.891	419	8.36	214	36.872	314	61.61	116	15.156	330	36.07	95	21.636	308	14.42	154
Feb. 10	30.310	386	10.50	234	37.186	291	60.45	73	15.486	306	35.12	45	21.944	286	12.88	126
20	30.696	348	12.84	249	37.477	259	59.72	29	15.792	276	34.67	4	22.230	257	11.62	96
März 2	31.044	306	15.33	258	37.736	226	59.43	13	16.068	240	34.71	52	22.487	226	10.66	65
12	31.350	262	17.91	261	37.962	189	59.56	51	16.308	201	35.23	93	22.713	193	10.01	35
22	31.612	216	20.52	259	38.151	152	60.07	85	16.509	162	36.16	131	22.906	159	9.66	6
Apr. 1	31.828	172	23.11	253	38.303	116	60.92	112	16.671	123	37.47	160	23.065	127	9.60	19
11	32.000	127	25.64	241	38.419	82	62.04	134	16.794	85	39.07	181	23.192	96	9.79	40
20*)	32.127	85	28.05	226	38.501	49	63.38	147	16.879	49	40.88	194	23.288	66	10.19	57
30	32.212	43	30.31	207	38.550	19	64.85	155	16.928	15	42.82	198	23.354	38	10.76	69
Mai 10	32.255	3	32.38	185	38.569	9	66.40	156	16.943	15	44.80	196	23.392	13	11.45	79
20	32.258	35	34.23	160	38.560	34	67.96	151	16.928	44	46.76	186	23.405	12	12.24	83
30	32.223	71	35.83	131	38.526	57	69.47	140	16.884	69	48.62	171	23.393	34	13.07	84
Juni 9	32.152	105	37.14	100	38.469	77	70.87	126	16.815	92	50.33	150	23.359	55	13.91	84
19	32.047	136	38.14	67	38.392	96	72.13	108	16.723	112	51.83	125	23.304	75	14.75	79
29	31.911	161	38.81	32	38.296	111	73.21	88	16.611	128	53.08	96	23.229	91	15.54	73
Juli 9	31.750	182	39.13	4	38.185	122	74.09	64	16.483	142	54.04	67	23.138	104	16.27	65
19	31.568	197	39.09	40	38.063	131	74.73	39	16.341	151	54.71	34	23.034	115	16.92	56
29	31.371	203	38.69	75	37.932	135	75.12	13	16.190	154	55.05	0	22.919	121	17.48	44
Aug. 8	31.168	200	37.94	107	37.797	133	75.25	14	16.036	154	55.05	34	22.798	121	17.92	32
18	30.968	187	36.87	138	37.664	127	75.11	42	15.882	146	54.71	68	22.677	116	18.24	17
28	30.781	166	35.49	162	37.537	112	74.69	70	15.736	133	54.03	101	22.561	104	18.41	1
Sept. 7	30.615	131	33.87	181	37.425	92	73.99	99	15.603	111	53.02	135	22.457	86	18.42	18
17	30.484	87	32.06	193	37.333	65	73.00	127	15.492	83	51.67	168	22.371	59	18.24	37
27	30.397	35	30.13	196	37.268	30	71.73	155	15.409	47	49.99	197	22.312	26	17.87	59
Okt. 7	30.362	27	28.17	192	37.238	10	70.18	182	15.362	6	48.02	225	22.286	14	17.28	83
17	30.389	93	26.25	178	37.248	55	68.36	206	15.356	42	45.77	249	22.300	58	16.45	107
27	30.482	161	24.47	156	37.303	103	66.30	227	15.398	91	43.28	270	22.358	104	15.38	131
Nov. 6	30.643	230	22.91	126	37.406	153	64.03	246	15.489	143	40.58	284	22.462	153	14.07	155
16	30.873	293	21.65	90	37.559	199	61.57	257	15.632	194	37.74	293	22.615	199	12.52	175
26	31.166	349	20.75	48	37.758	243	59.00	264	15.826	241	34.81	293	22.814	241	10.77	193
Dez. 6	31.515	395	20.27	4	38.001	280	56.36	262	16.067	281	31.88	285	23.055	276	8.84	204
16	31.910	429	20.23	41	38.281	310	53.74	252	16.348	314	29.03	269	23.331	305	6.80	211
26	32.339	450	20.64	86	38.591	328	51.22	235	16.662	336	26.34	243	23.636	322	4.69	210
36	32.789		21.50		38.919		48.87		16.998		23.91		23.958		2.59	
Mittl. Ort	28.348		9.74		35.391		82.14		13.705		59.09		20.213		29.59	
sec δ, tg δ	1.465		−1.071		1.056		+0.339		1.129		+0.525		1.000		+0.032	
a, a′	+3.7		−17.7		+2.9		−17.7		+2.7		−17.4		+3.1		−17.4	
b, b′	+0.06		+ 0.47		−0.02		+ 0.47		−0.03		+ 0.49		0.00		+ 0.49	

*) Bei Stern 517) und 516) lies April 21

Tag	518) β Centauri AR	Δ	Dekl.	Δ	521) α Draconis AR.	Δ	Dekl.	Δ	520) ϑ Centauri AR.	Δ	Dekl.	Δ	522) *d* Bootis AR.	Δ	Dekl.	Δ
1935	13h 59m		−60° 3′		14h 2m		+64° 40′		14h 2m		−36° 3′		14h 7m		+25° 23′	
Jan. 1	12.94	59	29.63	68	37.55	57	44.79	201	51.161	398	1.53	131	26.468	341	38.83	229
11	13.53	59	30.31	117	38.12	60	42.78	139	51.559	399	2.84	159	26.809	347	36.54	194
21	14.12	58	31.48	161	38.72	59	41.39	73	51.958	390	4.43	183	27.156	343	34.60	153
31	14.70	55	33.09	201	39.31	58	40.66	7	52.348	371	6.26	199	27.499	329	33.07	106
Feb. 10	15.25	51	35.10	234	39.89	54	40.59	60	52.719	344	8.25	211	27.828	306	32.01	57
20	15.76	47	37.44	260	40.43	49	41.19	122	53.063	312	10.36	218	28.134	278	31.44	9
März 2	16.23	41	40.04	280	40.92	42	42.41	178	53.375	277	12.54	218	28.412	244	31.35	38
12	16.64	35	42.84	294	41.34	34	44.19	225	53.652	239	14.72	214	28.656	208	31.73	81
22	16.99	30	45.78	300	41.68	26	46.44	263	53.891	202	16.86	206	28.864	170	32.54	117
Apr. 1	17.29	23	48.78	301	41.94	17	49.07	290	54.093	164	18.92	196	29.034	132	33.71	148
11	17.52	17	51.79	295	42.11	8	51.97	304	54.257	128	20.88	183	29.166	95	35.19	171
21	17.69	11	54.74	285	42.19	1	55.01	306	54.385	92	22.71	168	29.261	61	36.90	185
30	[22] 17.80	6	57.59	269	[23] 42.18	8	58.07	299	[23] 54.477	57	24.39	150	[24] 29.322	27	38.75	192
Mai 10	17.86	1	60.28	248	42.10	17	61.06	280	54.534	24	25.89	132	29.349	3	40.67	190
20	17.85	6	62.76	221	41.93	23	63.86	253	54.558	9	27.21	110	29.346	32	42.57	184
30	17.79	12	64.97	191	41.70	28	66.39	218	54.549	39	28.31	87	29.314	58	44.41	170
Juni 9	17.67	16	66.88	155	41.42	34	68.57	177	54.510	69	29.18	64	29.256	81	46.11	151
19	17.51	21	68.43	116	41.08	38	70.34	131	54.441	95	29.82	39	29.175	103	47.62	128
29	17.30	25	69.59	75	40.70	41	71.65	81	54.346	119	30.21	12	29.072	121	48.90	103
Juli 9	17.05	28	70.34	31	40.29	42	72.46	31	54.227	139	30.33	15	28.951	135	49.93	73
19	16.77	30	70.65	15	39.87	44	72.77	22	54.088	153	30.18	41	28.816	146	50.66	43
29	16.47	31	70.50	59	39.43	43	72.55	74	53.935	163	29.77	67	28.670	152	51.09	11
Aug. 8	16.16	30	69.91	102	39.00	43	71.81	124	53.772	163	29.10	89	28.518	153	51.20	21
18	15.86	29	68.89	142	38.57	40	70.57	173	53.609	156	28.21	111	28.365	147	50.99	55
28	15.57	25	67.47	178	38.17	36	68.84	218	53.453	140	27.10	127	28.218	135	50.44	88
Sept. 7	15.32	21	65.69	207	37.81	32	66.66	260	53.313	114	25.83	139	28.083	115	49.56	120
17	15.11	15	63.62	230	37.49	27	64.06	296	53.199	80	24.44	145	27.968	88	48.36	153
27	14.96	8	61.32	242	37.22	19	61.10	327	53.119	37	22.99	144	27.880	54	46.83	182
Okt. 7	14.88	0	58.90	245	37.03	12	57.83	353	53.082	14	21.55	136	27.826	14	45.01	211
17	14.88	10	56.45	239	36.91	3	54.30	370	53.096	70	20.19	120	27.812	33	42.90	236
27	14.98	18	54.06	221	36.88	6	50.60	380	53.166	129	18.99	99	27.845	82	40.54	258
Nov. 6	15.16	28	51.85	194	36.94	15	46.80	381	53.295	189	18.00	70	27.927	133	37.96	274
16	15.44	36	49.91	159	37.09	24	42.99	371	53.484	244	17.30	37	28.060	184	35.22	284
26	15.80	44	48.32	116	37.33	34	39.28	352	53.728	295	16.93	2	28.244	231	32.38	287
Dez. 6	16.24	50	47.16	68	37.67	42	35.76	322	54.023	336	16.91	37	28.475	272	29.51	282
16	16.74	55	46.48	17	38.09	49	32.54	282	54.359	369	17.28	73	28.747	305	26.69	269
26	17.29	57	46.31	34	38.58	54	29.72	233	54.728	388	18.01	109	29.052	329	24.00	245
36	17.86		46.65		39.12		27.39		55.116		19.10		29.381		21.55	
Mittl. Ort	13.10		38.16		37.70		69.90		50.911		4.23		26.122		55.53	
sec δ, tg δ	2.004		−1.736		2.339		+2.114		1.237		−0.728		1.107		+0.475	
a, *a′*	+4.2		−17.4		+1.6		−17.2		+3.6		−17.2		+2.7		−17.0	
b, *b′*	+0.10		+ 0.50		−0.12		+ 0.51		+0.04		+ 0.51		−0.03		+ 0.53	

Tag	524) 4 Ursae min. AR.		524) Dekl.		523) κ Virginis AR.		523) Dekl.		525) ι Virginis AR.		525) Dekl.		526) α Bootis AR.		526) Dekl.	
1935	$14^h 8^m$		+77° 50′		$14^h 9^m$		−9° 58′		$14^h 12^m$		−5° 41′		$14^h 12^m$		+19° 30′	
Jan. 1	62.76	101	44.69	184	25.864	336	24.87	186	36.512	332	35.35	194	42.086	330	57.16	234
11	63.77	108	42.85	120	26.200	340	26.73	186	36.844	335	37.29	191	42.416	336	54.82	203
21	64.85	110	41.65	54	26.540	333	28.59	182	37.179	329	39.20	181	42.752	333	52.79	168
31	65.95	108	41.11	14	26.873	318	30.41	171	37.508	316	41.01	166	43.085	319	51.11	126
Feb. 10	67.03	103	41.25	81	27.191	296	32.12	155	37.824	294	42.67	146	43.404	298	49.85	83
20	68.06	93	42.06	143	27.487	270	33.67	136	38.118	268	44.13	122	43.702	272	49.02	38
März 2	68.99	80	43.49	198	27.757	239	35.03	115	38.386	239	45.35	98	43.974	239	48.64	7
12	69.79	65	45.47	245	27.996	207	36.18	92	38.625	208	46.33	71	44.213	206	48.71	46
22	70.44	47	47.92	280	28.203	176	37.10	69	38.833	175	47.04	47	44.419	170	49.17	83
Apr. 1	70.91	30	50.72	304	28.379	144	37.79	48	39.008	144	47.51	24	44.589	136	50.00	113
11	71.21	10	53.76	316	28.523	113	38.27	28	39.152	114	47.75	3	44.725	100	51.13	136
21	71.31	8	56.92	317	28.636	84	38.55	10	39.266	85	47.78	15	44.825	68	52.49	152
30	[25] 71.23	25	60.09	304	[25] 28.720	55	38.65	4	[26] 39.351	56	47.63	28	[26] 44.893	36	54.01	161
Mai 10	70.98	41	63.13	284	28.775	29	38.61	17	39.407	30	47.35	40	44.929	7	55.62	163
20	70.57	57	65.97	252	28.804	3	38.44	28	39.437	4	46.95	48	44.936	20	57.25	159
30	70.00	69	68.49	215	28.807	22	38.16	36	39.441	21	46.47	55	44.916	46	58.84	150
Juni 9	69.31	80	70.64	169	28.785	44	37.80	43	39.420	44	45.92	58	44.870	69	60.34	135
19	68.51	88	72.33	122	28.741	66	37.37	48	39.376	65	45.34	59	44.801	91	61.69	117
29	67.63	94	73.55	69	28.675	86	36.89	52	39.311	84	44.75	60	44.710	109	62.86	96
Juli 9	66.69	99	74.24	15	28.589	102	36.37	55	39.227	101	44.15	59	44.601	125	63.82	72
19	65.70	100	74.39	39	28.487	114	35.82	57	39.126	114	43.56	56	44.476	136	64.54	46
29	64.70	99	74.00	92	28.373	123	35.25	58	39.012	122	43.00	52	44.340	144	65.00	19
Aug. 8	63.71	96	73.08	143	28.250	126	34.67	55	38.890	125	42.48	47	44.196	146	65.19	10
18	62.75	91	71.65	192	28.124	122	34.12	52	38.765	123	42.01	39	44.050	142	65.09	39
28	61.84	85	69.73	237	28.002	111	33.60	46	38.642	113	41.62	28	43.908	131	64.70	68
Sept. 7	60.99	74	67.36	277	27.891	93	33.14	36	38.529	94	41.34	17	43.777	112	64.02	98
17	60.25	63	64.59	313	27.798	66	32.78	24	38.435	70	41.17	1	43.665	87	63.04	128
27	59.62	50	61.46	342	27.732	34	32.54	9	38.365	36	41.16	16	43.578	55	61.76	156
Okt. 7	59.12	35	58.04	365	27.698	8	32.45	11	38.329	2	41.32	37	43.523	15	60.20	185
17	58.77	19	54.39	378	27.706	52	32.56	32	38.331	47	41.69	60	43.508	29	58.35	210
27	58.58	1	50.61	386	27.758	101	32.88	56	38.378	95	42.29	84	43.537	78	56.25	232
Nov. 6	58.57	17	46.75	383	27.859	150	33.44	82	38.473	144	43.13	108	43.615	127	53.93	252
16	58.74	36	42.92	369	28.009	198	34.26	107	38.617	192	44.21	131	43.742	178	51.41	265
26	59.10	53	39.23	348	28.207	242	35.33	131	38.809	234	45.52	154	43.920	222	48.76	271
Dez. 6	59.63	70	35.75	312	28.449	279	36.64	151	39.043	273	47.06	171	44.142	263	46.05	272
16	60.33	84	32.63	270	28.728	307	38.15	169	39.316	302	48.77	183	44.405	295	43.33	263
26	61.17	96	29.93	219	29.035	328	39.84	179	39.618	321	50.60	191	44.700	317	40.70	245
36	62.13		27.74		29.363		41.63		39.939		52.51		45.017		38.25	
Mittl. Ort	64.21		70.70		25.507		19.38		36.163		28.43		41.755		72.08	
sec δ, tg δ	4.752		+4.646		1.015		−0.176		1.005		−0.100		1.061		+0.354	
a, a′	−0.2		−16.9		+3.2		−16.9		+3.1		−16.8		+2.8		−16.8	
b, b′	−0.26		+ 0.53		+0.01		+ 0.54		+0.01		+ 0.55		−0.02		+ 0.55	

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Tag	527) λ Bootis AR.	Δ	527) λ Bootis Dekl.	Δ	531) ϑ Bootis AR.	Δ	531) ϑ Bootis Dekl.	Δ
1935	14h 13m		+46° 22′		14h 22m		+52° 8′	
Jan. 1	54.973	396	47.89	231	59.004	421	39.12	237
11	55.369	410	45.58	180	59.425	441	36.75	182
21	55.779	410	43.78	122	59.866	446	34.93	123
31	56.189	398	42.56	63	60.312	436	33.70	60
Feb. 10	56.587	374	41.93	0	60.748	413	33.10	5
20	56.961	341	41.93	60	61.161	379	33.15	67
März 2	57.302	299	42.53	115	61.540	335	33.82	125
12	57.601	252	43.68	164	61.875	285	35.07	176
22	57.853	202	45.32	206	62.160	229	36.83	219
Apr. 1	58.055	150	47.38	238	62.389	171	39.02	253
11	58.205	99	49.76	258	62.560	112	41.55	274
21	58.304	50	52.34	270	62.672	56	44.29	286
30	58.354	2	55.04	270	62.728	0	47.15	287
Mai 10	58.356	43	57.74	262	62.728	51	50.02	277
20	58.313	82	60.36	245	62.677	99	52.79	259
30	58.231	119	62.81	219	62.578	142	55.38	232
Juni 9	58.112	151	65.00	188	62.436	180	57.70	199
19	57.961	179	66.88	153	62.256	213	59.69	161
29	57.782	202	68.41	111	62.043	240	61.30	118
Juli 9	57.580	219	69.52	69	61.803	261	62.48	73
19	57.361	231	70.21	24	61.542	276	63.21	25
29	57.130	236	70.45	21	61.266	283	63.46	24
Aug. 8	56.894	236	70.24	67	60.983	283	63.22	71
18	56.658	227	69.57	112	60.700	273	62.51	119
28	56.431	209	68.45	155	60.427	256	61.32	164
Sept. 7	56.222	185	66.90	196	60.171	229	59.68	207
17	56.037	151	64.94	233	59.942	192	57.61	247
27	55.886	109	62.61	268	59.750	147	55.14	282
Okt. 7	55.777	59	59.93	298	59.603	93	52.32	313
17	55.718	3	56.95	321	59.510	32	49.19	337
27	55.715	57	53.74	339	59.478	36	45.82	354
Nov. 6	55.772	121	50.35	349	59.514	105	42.28	364
16	55.893	185	46.86	350	59.619	175	38.64	365
26	56.078	244	43.36	341	59.794	243	34.99	355
Dez. 6	56.322	298	39.95	324	60.037	306	31.44	335
16	56.620	344	36.71	295	60.343	357	28.09	304
26	56.964	377	33.76	257	60.700	400	25.05	264
36	57.341		31.19		61.100		22.41	
Mittl. Ort	54.848		69.70		59.077		61.79	
sec δ, tg δ	1.450		+1.050		1.630		+1.287	
a, *a′*	+2.3		−16.7		+2.1		−16.3	
b, *b′*	−0.06		+ 0.55		−0.07		+ 0.58	

Tag	534) ρ Bootis AR.	Δ	534) ρ Bootis Dekl.	Δ	535) γ Bootis AR.	Δ	535) γ Bootis Dekl.	Δ
1935	14h 29m		+30° 38′		14h 29m		+38° 34′	
Jan. 1	1.905	340	63.38	242	27.768	358	70.54	244
11	2.245	352	60.96	203	28.126	372	68.10	200
21	2.597	352	58.93	157	28.498	375	66.10	149
31	2.949	343	57.36	108	28.873	366	64.61	92
Feb. 10	3.292	325	56.28	55	29.239	347	63.69	34
20	3.617	299	55.73	1	29.586	320	63.35	23
März 2	3.916	268	55.72	50	29.906	286	63.58	78
12	4.184	232	56.22	97	30.192	247	64.36	128
22	4.416	194	57.19	138	30.439	205	65.64	170
Apr. 1	4.610	156	58.57	171	30.644	162	67.34	206
11	4.766	117	60.28	197	30.806	118	69.40	230
21	4.883	80	62.25	214	30.924	75	71.70	245
30	4.963	44	64.39	221	30.999	35	74.15	252
Mai 10	5.007	10	66.60	221	31.034	5	76.67	249
20	5.017	23	68.81	214	31.029	40	79.16	237
30	4.994	54	70.95	198	30.989	75	81.53	218
Juni 9	4.940	81	72.93	178	30.914	105	83.71	193
19	4.859	106	74.71	153	30.809	133	85.64	163
29	4.753	129	76.24	123	30.676	157	87.27	128
Juli 9	4.624	147	77.47	90	30.519	176	88.55	90
19	4.477	162	78.37	56	30.343	191	89.45	50
29	4.315	171	78.93	20	30.152	201	89.95	8
Aug. 8	4.144	175	79.13	17	29.951	203	90.03	33
18	3.969	172	78.96	54	29.748	200	89.70	75
28	3.797	163	78.42	92	29.548	188	88.95	117
Sept. 7	3.634	144	77.50	128	29.360	168	87.78	156
17	3.490	120	76.22	163	29.192	141	86.22	194
27	3.370	85	74.59	196	29.051	105	84.28	229
Okt. 7	3.285	46	72.63	227	28.946	61	81.99	260
17	3.239	2	70.36	254	28.885	11	79.39	288
27	3.241	53	67.82	277	28.874	45	76.51	309
Nov. 6	3.294	106	65.05	294	28.919	102	73.42	324
16	3.400	160	62.11	304	29.021	159	70.18	331
26	3.560	211	59.07	306	29.180	215	66.87	329
Dez. 6	3.771	257	56.01	300	29.395	265	63.58	318
16	4.028	295	53.01	285	29.660	308	60.40	297
26	4.323	324	50.16	259	29.968	340	57.43	266
36	4.647		47.57		30.308		54.77	
Mittl. Ort	1.745		81.16		27.687		90.25	
sec δ, tg δ	1.162		+0.593		1.279		+0.798	
a, *a′*	+2.6		−16.0		+2.4		−15.9	
b, *b′*	−0.03		+ 0.61		−0.04		+ 0.61	

Tag	537) η Centauri AR.		537) Dekl.		538) α Centauri[1]) AR.		538) Dekl.		543) ζ Bootis med. AR.		543) Dekl.		545) μ Virginis AR.		545) Dekl.	
1935	14h 31m		−41° 52′		14h 35m		−60° 33′		14h 38m		+13° 59′		14h 39m		−5° 22′	
Jan. 1	22.242	420	20.84	83	10.01	59	59.43	26	2.829	319	68.92	227	38.116	323	43.33	187
11	22.662	427	21.67	116	10.60	59	59.69	74	3.148	328	66.65	204	38.439	331	45.20	183
21	23.089	424	22.83	145	11.19	59	60.43	118	3.476	329	64.61	174	38.770	331	47.03	173
31	23.513	410	24.28	169	11.78	57	61.61	159	3.805	321	62.87	138	39.101	321	48.76	159
Feb. 10	23.923	389	25.97	189	12.35	54	63.20	195	4.126	304	61.49	99	39.422	305	50.35	138
20	24.312	360	27.86	201	12.89	49	65.15	224	4.430	282	60.50	57	39.727	283	51.73	116
März 2	24.672	327	29.87	210	13.38	46	67.39	247	4.712	255	59.93	17	40.010	257	52.89	89
12	24.999	291	31.97	214	13.84	39	69.86	264	4.967	225	59.76	23	40.267	229	53.78	64
22	25.290	253	34.11	213	14.23	34	72.50	275	5.192	194	59.99	58	40.496	199	54.42	39
Apr. 1	25.543	214	36.24	209	14.57	28	75.25	281	5.386	162	60.57	90	40.695	170	54.81	16
11	25.757	176	38.33	201	14.85	22	78.06	281	5.548	129	61.47	115	40.865	141	54.97	6
21	25.933	137	40.34	191	15.07	16	80.87	276	5.677	99	62.62	133	41.006	111	54.91	22
30*)	26.070	99	42.25	178	15.23	10	83.63	264	5.776	68	63.95	146	41.117	82	54.69	37
Mai 10	26.169	59	44.03	162	15.33	4	86.27	249	5.844	38	65.41	152	41.199	55	54.32	48
20	26.228	22	45.65	143	15.37	3	88.76	227	5.882	10	66.93	152	41.254	27	53.84	55
30	26.250	16	47.08	123	15.34	9	91.03	202	5.892	18	68.45	147	41.281	0	53.29	61
Juni 9	26.234	52	48.31	99	15.25	14	93.05	172	5.874	44	69.92	137	41.281	26	52.68	63
19	26.182	86	49.30	73	15.11	19	94.77	137	5.830	67	71.29	124	41.255	51	52.05	64
29	26.096	119	50.03	46	14.92	24	96.14	99	5.763	90	72.53	107	41.204	73	51.41	63
Juli 9	25.977	145	50.49	17	14.68	28	97.13	58	5.673	110	73.60	88	41.131	95	50.78	60
19	25.832	167	50.66	14	14.40	31	97.71	16	5.563	125	74.48	67	41.036	112	50.18	57
29	25.665	182	50.52	43	14.09	33	97.87	29	5.438	137	75.15	43	40.924	124	49.61	52
Aug. 8	25.483	189	50.09	72	13.76	34	97.58	72	5.301	144	75.58	19	40.800	133	49.09	45
18	25.294	188	49.37	99	13.42	32	96.86	114	5.157	144	75.77	5	40.667	133	48.64	38
28	25.106	175	48.38	123	13.10	30	95.72	152	5.013	137	75.72	33	40.534	127	48.26	27
Sept. 7	24.931	152	47.15	142	12.80	27	94.20	186	4.876	123	75.39	59	40.407	112	47.99	16
17	24.779	118	45.73	156	12.53	21	92.34	212	4.753	100	74.80	87	40.295	91	47.83	1
27	24.661	74	44.17	163	12.32	14	90.22	231	4.653	71	73.93	114	40.204	61	47.82	16
Okt. 7	24.587	22	42.54	163	12.18	6	87.91	241	4.582	33	72.79	142	40.143	23	47.98	35
17	24.565	38	40.91	155	12.12	3	85.50	242	4.549	9	71.37	168	40.120	21	48.33	56
27	24.603	102	39.36	140	12.15	12	83.08	231	4.558	57	69.69	192	40.141	68	48.89	79
Nov. 6	24.705	167	37.96	117	12.27	22	80.77	211	4.615	106	67.77	213	40.209	117	49.68	103
16	24.872	229	36.79	88	12.49	31	78.66	183	4.721	156	65.64	231	40.326	167	50.71	125
26	25.101	288	35.91	55	12.80	39	76.83	146	4.877	202	63.33	242	40.493	212	51.96	145
Dez. 6	25.389	338	35.36	18	13.19	46	75.37	102	5.079	244	60.91	247	40.705	253	53.41	163
16	25.727	377	35.18	21	13.65	53	74.35	56	5.323	279	58.44	246	40.958	286	55.04	176
26	26.104	405	35.39	58	14.18	55	73.79	7	5.602	304	55.98	235	41.244	310	56.80	183
36	26.509		35.97		14.73		73.72		5.906		53.63		41.554		58.63	
Mittl. Ort	22.204		24.37		10.37		66.97		2.636		81.92		37.904		36.21	
sec δ, tg δ	1.343		−0.896		2.035		−1.772		1.031		+0.249		1.004		−0.094	
a, *a′*	+3.8		−15.8		+4.6		−15.6		+2.9		−15.5		+3.2		−15.4	
b, *b′*	+0.05		+ 0.61		+0.09		+ 0.63		−0.01		+ 0.64		0.00		+ 0.64	

[1]) Ort des hellen Sterns; die jährliche Parallaxe (0.″75) ist bereits berücksichtigt.

*) Bei Stern 538), 543) und 545) lies Mai 1

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Tag	542) α Apodis				547) 109 Virginis				548) α Librae				549) Grb 2164			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1935	14h 39m		−78° 46′		14h 42m		+2° 9′		14h 47m		−15° 46′		14h 49m		+59° 32′	
Jan. 1	38.80	132	6.89	45	57.843	317	46.82	203	16.847	332	26.18	153	46.599	455	64.07	254
11	40.12	137	6.44	12	58.160	326	44.79	192	17.179	342	27.71	160	47.054	490	61.53	200
21	41.49	137	6.56	67	58.486	326	42.87	174	17.521	342	29.31	163	47.544	507	59.53	139
31	42.86	136	7.23	120	58.812	318	41.13	152	17.863	334	30.94	159	48.051	509	58.14	73
Feb. 10	44.22	131	8.43	169	59.130	302	39.61	123	18.197	318	32.53	150	48.560	493	57.41	6
20	45.53	122	10.12	212	59.432	282	38.38	93	18.515	297	34.03	138	49.053	462	57.35	59
März 2	46.75	112	12.24	249	59.714	255	37.45	61	18.812	271	35.41	123	49.515	419	57.94	122
12	47.87	100	14.73	281	59.969	228	36.84	30	19.083	244	36.64	105	49.934	365	59.16	178
22	48.87	87	17.54	305	60.197	199	36.54	1	19.327	215	37.69	87	50.299	302	60.94	226
Apr. 1	49.74	72	20.59	322	60.396	168	36.55	27	19.542	185	38.56	69	50.601	236	63.20	263
11	50.46	57	23.81	333	60.564	139	36.82	50	19.727	156	39.25	52	50.837	165	65.83	290
21	51.03	40	27.14	336	60.703	109	37.32	68	19.883	126	39.77	36	51.002	95	68.73	306
Mai 1	51.43	23	30.50	333	60.812	80	38.00	82	20.009	97	40.13	23	51.097	24	71.79	310
10	51.66	7	33.83	322	60.892	53	38.82	92	20.106	67	40.36	11	51.121	43	74.89	303
20	51.73	10	37.05	304	60.945	24	39.74	97	20.173	39	40.47	1	51.078	107	77.92	287
30	51.63	27	40.09	280	60.969	2	40.71	97	20.212	9	40.46	10	50.971	164	80.79	262
Juni 9	51.36	42	42.89	248	60.967	29	41.68	96	20.221	18	40.36	18	50.807	218	83.41	230
19	50.94	57	45.37	211	60.938	53	42.64	91	20.203	46	40.18	26	50.589	264	85.71	192
29	50.37	69	47.48	168	60.885	76	43.55	84	20.157	71	39.92	33	50.325	304	87.63	147
Juli 9	49.68	79	49.16	120	60.809	97	44.39	74	20.086	94	39.59	39	50.021	336	89.10	101
19	48.89	87	50.36	69	60.712	114	45.13	64	19.992	114	39.20	46	49.685	359	90.11	51
29	48.02	92	51.05	15	60.598	127	45.77	51	19.878	129	38.74	50	49.326	374	90.62	0
Aug. 8	47.10	93	51.20	40	60.471	135	46.28	38	19.749	138	38.24	53	48.952	380	90.62	51
18	46.17	91	50.80	93	60.336	136	46.66	22	19.611	140	37.71	56	48.572	374	90.11	101
28	45.26	85	49.87	145	60.200	131	46.88	6	19.471	134	37.15	56	48.198	358	89.10	151
Sept. 7	44.41	76	48.42	192	60.069	117	46.94	12	19.337	121	36.59	54	47.840	331	87.59	196
17	43.65	62	46.50	231	59.952	95	46.82	32	19.216	99	36.05	47	47.509	293	85.63	240
27	43.03	45	44.19	265	59.857	67	46.50	53	19.117	67	35.58	38	47.216	242	83.23	278
Okt. 7	42.58	26	41.54	286	59.790	30	45.97	76	19.050	28	35.20	25	46.974	182	80.45	313
17	42.32	5	38.68	297	59.760	13	45.21	100	19.022	16	34.95	7	46.792	113	77.32	340
27	42.27	18	35.71	298	59.773	59	44.21	123	19.038	66	34.88	12	46.679	35	73.92	360
Nov. 6	42.45	41	32.73	285	59.832	109	42.98	146	19.104	118	35.00	36	46.644	48	70.32	373
16	42.86	62	29.88	261	59.941	157	41.52	166	19.222	169	35.36	59	46.692	132	66.59	375
26	43.48	83	27.27	228	60.098	204	39.86	184	19.391	216	35.95	84	46.824	215	62.84	369
Dez. 6	44.31	100	24.99	185	60.302	244	38.02	197	19.607	259	36.79	107	47.039	295	59.15	350
16	45.31	116	23.14	136	60.546	278	36.05	204	19.866	293	37.86	127	47.334	364	55.65	321
26	46.47	126	21.78	83	60.824	303	34.01	204	20.159	319	39.13	143	47.698	423	52.44	282
36	47.73		20.95		61.127		31.97		20.478		40.56		48.121		49.62	
Mittl. Ort	41.33		16.47		57.650		56.25		16.689		22.15		47.247		86.85	
sec δ, tg δ	5.135		−5.037		1.001		+0.038		1.039		−0.282		1.974		+1.702	
a, *a′*	+7.4		−15.4		+3.0		−15.2		+3.3		−14.9		+1.5		−14.8	
b, *b′*	+0.26		+ 0.64		0.00		+ 0.65		+0.01		+ 0.67		−0.08		+ 0.67	

Tag	550) β Ursae min.				551) Pi XIV, 221				552) β Lupi				555) β Bootis			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1935	$14^h 50^m$		$+74° 24'$		$14^h 53^m$		$+14° 42'$		$14^h 54^m$		$-42° 52'$		$14^h 59^m$		$+40° 38'$	
	s		"		s		"		s		"		s		"	
Jan. 1	50.38	74	51.95	238	9.194	312	15.05	230	15.725	416	21.90	54	29.655	344	26.21	265
11	51.12	82	49.57	179	9.506	324	12.75	207	16.141	429	22.44	88	29.999	366	23.56	222
21	51.94	86	47.78	116	9.830	328	10.68	176	16.570	432	23.32	118	30.365	376	21.34	170
31	52.80	87	46.62	47	10.158	322	8.92	142	17.002	422	24.50	143	30.741	375	19.64	115
Feb. 10	53.67	85	46.15	20	10.480	309	7.50	101	17.424	406	25.93	163	31.116	363	18.49	55
20	54.52	81	46.35	88	10.789	289	6.49	59	17.830	382	27.56	179	31.479	341	17.94	6
März 2	55.33	73	47.23	149	11.078	264	5.90	17	18.212	352	29.35	191	31.820	313	18.00	63
12	56.06	63	48.72	204	11.342	236	5.73	24	18.564	320	31.26	197	32.133	279	18.63	118
22	56.69	51	50.76	249	11.578	206	5.97	61	18.884	284	33.23	199	32.412	239	19.81	165
Apr. 1	57.20	38	53.25	285	11.784	176	6.58	93	19.168	247	35.22	199	32.651	198	21.46	204
11	57.58	24	56.10	308	11.960	144	7.51	120	19.415	209	37.21	195	32.849	155	23.50	235
21	57.82	10	59.18	320	12.104	112	8.71	140	19.624	170	39.16	188	33.004	111	25.85	255
Mai 1	57.92	5	62.38	320	12.216	82	10.11	153	19.794	131	41.04	178	33.115	67	28.40	266
10	57.87	17	65.58	310	12.298	52	11.64	160	19.925	91	42.82	165	33.182	26	31.06	267
20	57.70	30	68.68	289	12.350	22	13.24	161	20.016	50	44.47	151	33.208	15	33.73	260
30	57.40	42	71.57	260	12.372	7	14.85	157	20.066	9	45.98	132	33.193	53	36.33	243
Juni 9	56.98	52	74.17	223	12.365	34	16.42	147	20.075	30	47.30	112	33.140	90	38.76	221
19	56.46	61	76.40	180	12.331	61	17.89	133	20.045	68	48.42	89	33.050	123	40.97	191
29	55.85	69	78.20	133	12.270	85	19.22	116	19.977	105	49.31	63	32.927	152	42.88	158
Juli 9	55.16	73	79.53	82	12.185	107	20.38	97	19.872	136	49.94	36	32.775	178	44.46	119
19	54.43	77	80.35	30	12.078	125	21.35	74	19.736	164	50.30	6	32.597	200	45.65	80
29	53.66	80	80.65	23	11.953	139	22.09	50	19.572	185	50.36	23	32.397	214	46.45	36
Aug. 8	52.86	80	80.42	77	11.814	148	22.59	26	19.387	197	50.13	53	32.183	224	46.81	7
18	52.06	78	79.65	127	11.666	151	22.85	1	19.190	199	49.60	81	31.959	225	46.74	51
28	51.28	74	78.38	178	11.515	146	22.84	28	18.991	192	48.79	107	31.734	218	46.23	95
Sept. 7	50.54	69	76.60	223	11.369	134	22.56	56	18.799	173	47.72	130	31.516	203	45.28	137
17	49.85	61	74.37	265	11.235	113	22.00	84	18.626	143	46.42	146	31.313	179	43.91	178
27	49.24	53	71.72	301	11.122	85	21.16	112	18.483	101	44.96	158	31.134	145	42.13	216
Okt. 7	48.71	41	68.71	334	11.037	49	20.04	140	18.382	50	43.38	162	30.989	104	39.97	251
17	48.30	30	65.37	357	10.988	7	18.64	167	18.332	8	41.76	160	30.885	54	37.46	282
27	48.00	15	61.80	374	10.981	40	16.97	192	18.340	73	40.16	148	30.831	1	34.64	307
Nov. 6	47.85	1	58.06	382	11.021	91	15.05	213	18.413	140	38.68	131	30.832	60	31.57	326
16	47.84	14	54.24	381	11.112	140	12.92	232	18.553	205	37.37	106	30.892	120	28.31	337
26	47.98	29	50.43	368	11.252	187	10.60	243	18.758	266	36.31	75	31.012	179	24.94	338
Dez. 6	48.27	44	46.75	345	11.439	231	8.17	250	19.024	321	35.56	43	31.191	235	21.56	331
16	48.71	57	43.30	311	11.670	268	5.67	247	19.345	365	35.13	6	31.426	282	18.25	314
26	49.28	68	40.19	268	11.938	296	3.20	238	19.710	398	35.07	30	31.708	322	15.11	285
36	49.96		37.51		12.234		0.82		20.108		35.37		32.030		12.26	
Mittl. Ort	52.45		76.06		9.090		28.04		15.812		25.01		29.853		45.39	
sec δ, tg δ	3.723		+3.587		1.034		+0.262		1.364		−0.928		1.318		+0.858	
a, *a'*	−0.2		−14.7		+2.8		−14.6		+3.9		−14.5		+2.3		−14.2	
b, *b'*	−0.18		+ 0.68		−0.01		+ 0.69		+0.04		+ 0.69		−0.04		+ 0.71	

Tag	556) γ Scorpii				557) ψ Bootis				558) ζ Lupi				560) γ Triang. austr.			
	AR.	Δ	Dekl.	Δ	AR.	Δ	Dekl.	Δ	AR.	Δ	Dekl.	Δ	AR.	Δ	Dekl.	Δ
1935	15h 0m		−25° 1'		15h 1m		+27° 11'		15h 7m		−51° 51'		15h 12m		−68° 26'	
Jan. 1	15.668	346	41.87	113	39.573	316	44.06	252	35.766	470	7.24	6	47.60	72	21.98	61
11	16.014	358	43.00	130	39.889	333	41.54	220	36.236	490	7.30	45	48.32	76	21.37	12
21	16.372	361	44.30	142	40.222	340	39.34	179	36.726	497	7.75	83	49.08	78	21.25	37
31	16.733	354	45.72	149	40.562	337	37.55	132	37.223	492	8.58	116	49.86	78	21.62	85
Feb. 10	17.087	340	47.21	151	40.899	326	36.23	82	37.715	476	9.74	146	50.64	76	22.47	127
20	17.427	320	48.72	148	41.225	307	35.41	30	38.191	453	11.20	172	51.40	72	23.74	166
März 2	17.747	296	50.20	143	41.532	282	35.11	22	38.644	422	12.92	191	52.12	69	25.40	201
12	18.043	270	51.63	133	41.814	253	35.33	70	39.066	387	14.83	207	52.81	62	27.41	230
22	18.313	240	52.96	123	42.067	220	36.03	114	39.453	347	16.90	218	53.43	56	29.71	253
Apr. 1	18.553	210	54.19	112	42.287	186	37.17	151	39.800	305	19.08	224	53.99	49	32.24	270
11	18.763	180	55.31	99	42.473	152	38.68	180	40.105	260	21.32	227	54.48	42	34.94	283
21	18.943	149	56.30	86	42.625	116	40.48	202	40.365	215	23.59	226	54.90	34	37.77	289
Mai 1	19.092	118	57.16	75	42.741	81	42.50	215	40.580	167	25.85	220	55.24	25	40.66	289
10*)	19.210	86	57.91	63	42.822	47	44.65	220	40.747	118	28.05	211	55.49	16	43.55	284
20	19.296	55	58.54	51	42.869	13	46.85	217	40.865	68	30.16	197	55.65	8	46.39	272
30	19.351	22	59.05	38	42.882	19	49.02	207	40.933	18	32.13	180	55.73	2	49.11	255
Juni 9	19.373	9	59.43	27	42.863	50	51.09	192	40.951	32	33.93	158	55.71	10	51.66	230
19	19.364	40	59.70	13	42.813	79	53.01	170	40.919	81	35.51	133	55.61	18	53.96	203
29	19.324	69	59.83	1	42.734	106	54.71	144	40.838	126	36.84	105	55.43	26	55.99	165
Juli 9	19.255	97	59.84	12	42.628	130	56.15	116	40.712	167	37.89	72	55.17	34	57.64	127
19	19.158	119	59.72	26	42.498	150	57.31	83	40.545	202	38.61	38	54.83	39	58.91	84
29	19.039	138	59.46	40	42.348	165	58.14	49	40.343	229	38.99	2	54.44	43	59.75	36
Aug. 8	18.901	149	59.06	52	42.183	175	58.63	15	40.114	245	39.01	35	54.01	46	60.11	11
18	18.752	155	58.54	63	42.008	178	58.78	21	39.869	252	38.66	72	53.55	47	60.00	61
28	18.597	150	57.91	73	41.830	174	58.57	58	39.617	245	37.94	105	53.08	46	59.39	107
Sept. 7	18.447	137	57.18	79	41.656	161	57.99	94	39.372	225	36.89	137	52.62	41	58.32	152
17	18.310	114	56.39	82	41.495	141	57.05	129	39.147	191	35.52	163	52.21	36	56.80	190
27	18.196	83	55.57	80	41.354	112	55.76	164	38.956	144	33.89	182	51.85	29	54.90	224
Okt. 7	18.113	42	54.77	73	41.242	75	54.12	196	38.812	86	32.07	196	51.56	19	52.66	247
17	18.071	5	54.04	63	41.167	31	52.16	225	38.726	17	30.11	200	51.37	7	50.19	262
27	18.076	57	53.41	46	41.136	18	49.91	251	38.709	57	28.11	195	51.30	4	47.57	266
Nov. 6	18.133	113	52.95	26	41.154	71	47.40	273	38.766	135	26.16	183	51.34	17	44.91	259
16	18.246	167	52.69	2	41.225	124	44.67	288	38.901	213	24.33	162	51.51	29	42.32	243
26	18.413	218	52.67	23	41.349	175	41.79	295	39.114	285	22.71	133	51.80	41	39.89	216
Dez. 6	18.631	264	52.90	50	41.524	224	38.84	296	39.399	350	21.38	100	52.21	52	37.73	181
16	18.895	302	53.40	75	41.748	264	35.88	285	39.749	406	20.38	61	52.73	61	35.92	139
26	19.197	330	54.15	99	42.012	298	33.03	267	40.155	447	19.77	22	53.34	68	34.53	94
36	19.527		55.14		42.310		30.36		40.602		19.55		54.02		33.59	
Mittl. Ort	15.607		40.29		39.607		60.15		36.096		11.81		48.78		28.99	
sec δ, tg δ	1.104		−0.467		1.124		+0.514		1.619		−1.273		2.721		−2.531	
a, a'	+3.5		−14.2		+2.6		−14.1		+4.3		−13.7		+5.6		−13.4	
b, b'	+0.02		+0.71		−0.02		+0.71		+0.06		+0.73		+0.11		+0.75	

*) Bei Stern 560) lies Mai 11

Tag	563) δ Bootis AR.	Δ	563) δ Bootis Dekl.	Δ	564) β Librae AR.	Δ	564) β Librae Dekl.	Δ	565) 1 H. Ursae min. AR.	Δ	565) 1 H. Ursae min. Dekl.	Δ	566) φ¹ Lupi AR.	Δ	566) φ¹ Lupi Dekl.	Δ
1935	15ʰ 12ᵐ		+33° 32′		15ʰ 13ᵐ		−9° 8′		15ʰ 13ᵐ		+67° 35′		15ʰ 17ᵐ		−36° 1′	
	s		″		s		″		s		″		s		″	
Jan. 1	52.754	318	65.49	266	30.421	312	45.77	161	51.50	53	13.28	271	40.332	373	36.51	57
11	53.072	340	62.83	228	30.733	326	47.38	162	52.03	58	10.57	216	40.705	389	37.08	82
21	53.412	351	60.55	185	31.059	331	49.00	158	52.61	63	8.41	157	41.094	395	37.90	106
31	53.763	351	58.70	133	31.390	327	50.58	147	53.24	63	6.84	90	41.489	393	38.96	124
Feb. 10	54.114	342	57.37	78	31.717	316	52.05	132	53.87	64	5.94	22	41.882	381	40.20	138
20	54.456	325	56.59	21	32.033	300	53.37	113	54.51	61	5.72	47	42.263	363	41.58	148
März 2	54.781	301	56.38	34	32.333	279	54.50	91	55.12	56	6.19	111	42.626	339	43.06	154
12	55.082	272	56.72	87	32.612	255	55.41	69	55.68	50	7.30	170	42.965	314	44.60	156
22	55.354	238	57.59	133	32.867	229	56.10	46	56.18	42	9.00	222	43.279	283	46.16	155
Apr. 1	55.592	203	58.92	174	33.096	203	56.56	25	56.60	34	11.22	263	43.562	252	47.71	153
11	55.795	166	60.66	207	33.299	175	56.81	6	56.94	25	13.85	294	43.814	220	49.24	147
21	55.961	127	62.73	229	33.474	146	56.87	11	57.19	15	16.79	314	44.034	186	50.71	141
Mai 1	56.088	89	65.02	243	33.620	118	56.76	24	57.34	6	19.93	321	44.220	151	52.12	133
11	56.177	52	67.45	248	33.738	89	56.52	35	57.40	4	23.14	318	44.371	115	53.45	123
20	11 56.229	15	69.93	244	11 33.827	60	56.17	43	11 57.36	13	26.32	305	12 44.486	77	54.68	112
30	56.244	22	72.37	233	33.887	29	55.74	48	57.23	21	29.37	281	44.563	40	55.80	99
Juni 9	56.222	56	74.70	216	33.916	0	55.26	52	57.02	29	32.18	251	44.603	2	56.79	84
19	56.166	88	76.86	191	33.916	29	54.74	54	56.73	36	34.69	214	44.605	36	57.63	68
29	56.078	118	78.77	162	33.887	57	54.20	54	56.37	43	36.83	170	44.569	71	58.31	48
Juli 9	55.960	144	80.39	130	33.830	82	53.66	54	55.94	47	38.53	123	44.498	105	58.79	29
19	55.816	168	81.69	93	33.748	106	53.12	53	55.47	51	39.76	72	44.393	133	59.08	7
29	55.648	184	82.62	55	33.642	124	52.59	50	54.96	53	40.48	21	44.260	158	59.15	16
Aug. 8	55.464	196	83.17	17	33.518	137	52.09	47	54.43	55	40.69	32	44.102	173	58.99	38
18	55.268	201	83.34	25	33.381	143	51.62	42	53.88	54	40.37	84	43.929	182	58.61	60
28	55.067	198	83.09	65	33.238	143	51.20	37	53.34	54	39.53	135	43.747	180	58.01	81
Sept. 7	54.869	186	82.44	105	33.095	133	50.83	28	52.80	50	38.18	184	43.567	168	57.20	98
17	54.683	166	81.39	144	32.962	115	50.55	18	52.30	46	36.34	229	43.399	144	56.22	112
27	54.517	137	79.95	181	32.847	88	50.37	5	51.84	40	34.05	270	43.255	112	55.10	121
Okt. 7	54.380	99	78.14	216	32.759	53	50.32	10	51.44	32	31.35	307	43.143	67	53.89	124
17	54.281	55	75.98	248	32.706	11	50.42	28	51.12	24	28.28	338	43.076	16	52.65	122
27	54.226	3	73.50	275	32.695	36	50.70	48	50.88	15	24.90	360	43.060	42	51.43	112
Nov. 6	54.223	51	70.75	296	32.731	87	51.18	70	50.73	3	21.30	376	43.102	103	50.31	97
16	54.274	108	67.79	311	32.818	137	51.88	91	50.70	7	17.54	382	43.205	163	49.34	76
26	54.382	163	64.68	318	32.955	185	52.79	111	50.77	18	13.72	377	43.368	222	48.58	51
Dez. 6	54.545	214	61.50	316	33.140	229	53.90	130	50.95	29	9.95	361	43.590	274	48.07	22
16	54.759	260	58.34	304	33.369	267	55.20	146	51.24	39	6.34	335	43.864	319	47.85	7
26	55.019	297	55.30	283	33.636	296	56.66	155	51.63	48	2.99	297	44.183	353	47.92	36
36	55.316		52.47		33.932		58.21		52.11		0.02		44.536		48.28	
Mittl. Ort	52.938		82.68		30.368		39.66		53.10		35.66		40.433		37.34	
sec δ, tg δ	1.200		+0.663		1.013		−0.161		2.623		+2.425		1.236		−0.727	
a, a′	+2.4		−13.4		+3.2		−13.3		+0.6		−13.3		+3.8		−13.0	
b, b′	−0.03		+ 0.75		+0.01		+ 0.75		−0.11		+ 0.75		+0.03		+ 0.76	

Scheinbare Sternörter 1935

Tag	569) γ Ursae min. AR.		569) γ Ursae min. Dekl.		568) μ Bootis AR.		568) μ Bootis Dekl.		571) ι Draconis AR.		571) ι Draconis Dekl.		572) β Coronae bor. AR.		572) β Coronae bor. Dekl.	
1935	15h 20m		+72° 3′		15h 22m		+37° 35′		15h 23m		+59° 11′		15h 25m		+29° 19′	
Jan. 1	46.66s	60	32.70″	271	1.749s	319	57.35″	274	27.811s	412	14.55″	284	8.731s	303	27.45″	264
11	47.26	69	29.99	217	2.068	344	54.61	236	28.223	455	11.71	234	9.034	325	24.81	231
21	47.95	73	27.82	156	2.412	358	52.25	189	28.678	485	9.37	176	9.359	337	22.50	191
31	48.68	76	26.26	91	2.770	361	50.36	135	29.163	498	7.61	113	9.696	340	20.59	144
Feb. 10	49.44	77	25.35	22	3.131	355	49.01	79	29.661	495	6.48	46	10.036	333	19.15	91
20	50.21	73	25.13	46	3.486	339	48.22	18	30.156	477	6.02	21	10.369	319	18.24	38
März 2	50.94	69	25.59	112	3.825	316	48.04	39	30.633	444	6.23	87	10.688	297	17.86	16
12	51.63	61	26.71	171	4.141	288	48.43	95	31.077	401	7.10	147	10.985	272	18.02	68
22	52.24	53	28.42	222	4.429	253	49.38	144	31.478	348	8.57	201	11.257	241	18.70	114
Apr. 1	52.77	41	30.64	265	4.682	216	50.82	187	31.826	287	10.58	245	11.498	210	19.84	155
11	53.18	31	33.29	297	4.898	178	52.69	220	32.113	222	13.03	279	11.708	176	21.39	188
21	53.49	19	36.26	316	5.076	137	54.89	245	32.335	155	15.82	302	11.884	140	23.27	213
Mai 1	53.68	6	39.42	325	5.213	97	57.34	260	32.490	85	18.84	314	12.024	104	25.40	228
11	53.74	6	42.67	322	5.310	56	59.94	265	32.575	17	21.98	316	12.128	69	27.68	236
20	[13] 53.68	17	45.89	309	[13] 5.366	16	62.59	262	[14] 32.592	50	25.14	306	[14] 12.197	33	30.04	236
30	53.51	28	48.98	287	5.382	23	65.21	251	32.542	112	28.20	288	12.230	2	32.40	227
Juni 9	53.23	38	51.85	256	5.359	60	67.72	232	32.430	172	31.08	262	12.228	36	34.67	213
19	52.85	46	54.41	218	5.299	95	70.04	206	32.258	226	33.70	227	12.192	69	36.80	191
29	52.39	54	56.59	176	5.204	128	72.10	177	32.032	274	35.97	188	12.123	99	38.71	167
Juli 9	51.85	61	58.35	128	5.076	157	73.87	141	31.758	315	37.85	144	12.024	127	40.38	136
19	51.24	65	59.63	77	4.919	181	75.28	103	31.443	347	39.29	96	11.897	151	41.74	103
29	50.59	69	60.40	26	4.738	201	76.31	63	31.096	373	40.25	47	11.746	171	42.77	69
Aug. 8	49.90	71	60.66	28	4.537	214	76.94	21	30.723	387	40.72	5	11.575	184	43.46	32
18	49.19	70	60.38	79	4.323	221	77.15	22	30.336	392	40.67	56	11.391	191	43.78	6
28	48.49	69	59.59	131	4.102	218	76.93	65	29.944	385	40.11	106	11.200	191	43.72	44
Sept. 7	47.80	65	58.28	180	3.884	207	76.28	107	29.559	367	39.05	155	11.009	182	43.28	83
17	47.15	60	56.48	226	3.677	188	75.21	149	29.192	336	37.50	202	10.827	164	42.45	120
27	46.55	53	54.22	267	3.489	159	73.72	188	28.856	294	35.48	245	10.663	138	41.25	156
Okt. 7	46.02	45	51.55	304	3.330	120	71.84	225	28.562	239	33.03	283	10.525	102	39.69	192
17	45.57	34	48.51	334	3.210	75	69.59	257	28.323	175	30.20	317	10.423	61	37.77	223
27	45.23	22	45.17	359	3.135	23	67.02	286	28.148	100	27.03	344	10.362	11	35.54	251
Nov. 6	45.01	10	41.58	373	3.112	34	64.16	308	28.048	20	23.59	362	10.351	41	33.03	274
16	44.91	4	37.85	380	3.146	92	61.08	323	28.028	65	19.97	373	10.392	96	30.29	292
26	44.95	17	34.05	375	3.238	151	57.85	330	28.093	149	16.24	373	10.488	149	27.37	302
Dez. 6	45.12	31	30.30	360	3.389	205	54.55	328	28.242	232	12.51	363	10.637	200	24.35	303
16	45.43	43	26.70	334	3.594	255	51.27	315	28.474	308	8.88	340	10.837	245	21.32	295
26	45.86	54	23.36	297	3.849	295	48.12	292	28.782	374	5.48	307	11.082	282	18.37	278
36	46.40		20.39		4.144		45.20		29.156		2.41		11.364		15.59	
Mittl. Ort	49.00		54.97		2.065		75.00		28.871		35.53		8.939		43.26	
sec δ, tg δ	3.247		+3.090		1.262		+0.770		1.953		+1.677		1.147		+0.562	
a, *a′*	−0.1		−12.8		+2.3		−12.7		+1.3		−12.6		+2.5		−12.5	
b, *b′*	−0.13		+ 0.77		−0.03		+ 0.77		−0.07		+ 0.78		−0.02		+ 0.78	

Tag	573) ν¹ Bootis				575) γ Lupi				577) γ Librae				578) α Coron. bor.			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1935	$15^h 28^m$		+41° 2′		$15^h 30^m$		−40° 56′		$15^h 31^m$		−14° 34′		$15^h 31^m$		+26° 55′	
	s		″		s		″		s		″		s		″	
Jan. 1	35.212	321	55.33	282	47.785	386	58.00	23	53.166	310	31.34	132	55.898	296	41.33	262
11	35.533	350	52.51	242	48.171	407	58.23	52	53.476	327	32.66	138	56.194	318	38.71	232
21	35.883	367	50.09	193	48.578	417	58.75	80	53.803	334	34.04	139	56.512	332	36.39	194
31	36.250	372	48.16	138	48.995	417	59.55	103	54.137	335	35.43	135	56.844	334	34.45	149
Feb. 10	36.622	368	46.78	78	49.412	407	60.58	122	54.472	326	36.78	126	57.178	330	32.96	98
20	36.990	354	46.00	17	49.819	392	61.80	137	54.798	313	38.04	113	57.508	316	31.98	47
März 2	37.344	331	45.83	42	50.211	370	63.17	149	55.111	294	39.17	97	57.824	297	31.51	6
12	37.675	303	46.25	100	50.581	344	64.66	157	55.405	274	40.14	80	58.121	273	31.57	57
22	37.978	267	47.25	152	50.925	314	66.23	161	55.679	249	40.94	62	58.394	244	32.14	103
Apr. 1	38.245	230	48.77	195	51.239	283	67.84	163	55.928	224	41.56	45	58.638	214	33.17	143
11	38.475	188	50.72	230	51.522	249	69.47	162	56.152	197	42.01	28	58.852	182	34.60	177
21	38.663	147	53.02	256	51.771	214	71.09	160	56.349	169	42.29	15	59.034	148	36.37	202
Mai 1	38.810	103	55.58	272	51.985	176	72.69	155	56.518	141	42.44	2	59.182	114	38.39	219
11	38.913	59	58.30	278	52.161	137	74.24	147	56.659	111	42.46	8	59.296	78	40.58	228
20	[15]38.972	17	61.08	275	[15]52.298	96	75.71	138	[16]56.770	81	42.38	16	[16]59.374	44	42.86	228
30	38.989	24	63.83	263	52.394	55	77.09	125	56.851	49	42.22	22	59.418	9	45.14	222
Juni 9	38.965	65	66.46	244	52.449	13	78.34	111	56.900	18	42.00	27	59.427	25	47.36	209
19	38.900	103	68.90	218	52.462	29	79.45	94	56.918	15	41.73	31	59.402	57	49.45	189
29	38.797	137	71.08	185	52.433	70	80.39	74	56.903	45	41.42	35	59.345	89	51.34	166
Juli 9	38.660	169	72.93	150	52.363	107	81.13	53	56.858	74	41.07	38	59.256	117	53.00	138
19	38.491	195	74.43	110	52.256	141	81.66	27	56.784	101	40.69	40	59.139	142	54.38	107
29	38.296	217	75.53	68	52.115	169	81.93	2	56.683	123	40.29	42	58.997	162	55.45	75
Aug. 8	38.079	231	76.21	24	51.946	188	81.95	24	56.560	139	39.87	43	58.835	178	56.20	38
18	37.848	238	76.45	21	51.758	200	81.71	52	56.421	149	39.44	45	58.657	185	56.58	3
28	37.610	237	76.24	66	51.558	200	81.19	76	56.272	150	38.99	43	58.472	186	56.61	34
Sept. 7	37.373	227	75.58	110	51.358	190	80.43	99	56.122	144	38.56	41	58.286	179	56.27	72
17	37.146	207	74.48	153	51.168	167	79.44	118	55.978	128	38.15	37	58.107	162	55.55	108
27	36.939	178	72.95	193	51.001	133	78.26	133	55.850	102	37.78	28	57.945	138	54.47	143
Okt. 7	36.761	139	71.02	232	50.868	88	76.93	142	55.748	68	37.50	18	57.807	103	53.04	178
17	36.622	92	68.70	266	50.780	35	75.51	144	55.680	26	37.32	5	57.704	62	51.26	210
27	36.530	38	66.04	295	50.745	27	74.07	140	55.654	21	37.27	13	57.642	15	49.16	238
Nov. 6	36.492	19	63.09	318	50.772	89	72.67	128	55.675	72	37.40	31	57.627	37	46.78	262
16	36.511	81	59.91	333	50.861	157	71.39	110	55.747	124	37.71	51	57.664	91	44.16	281
26	36.592	142	56.58	340	51.018	219	70.29	87	55.871	174	38.22	72	57.755	143	41.35	291
Dez. 6	36.734	200	53.18	337	51.237	276	69.42	59	56.045	221	38.94	93	57.898	194	38.44	296
16	36.934	252	49.81	323	51.513	324	68.83	30	56.266	260	39.87	109	58.092	237	35.48	289
26	37.186	296	46.58	300	51.837	364	68.53	2	56.526	291	40.96	124	58.329	275	32.59	274
36	37.482		43.58		52.201		68.55		56.817		42.20		58.604		29.85	
Mittl. Ort	35.647		73.33		48.000		59.54		53.195		26.59		56.116		56.36	
sec δ, tg δ	1.326		+0.871		1.324		−0.868		1.033		−0.260		1.122		+0.508	
a, *a′*	+2.2		−12.3		+4.0		−12.1		+3.4		−12.1		+2.5		−12.1	
b, *b′*	−0.04		+ 0.79		+0.04		+ 0.80		+0.01		+ 0.80		−0.02		+ 0.80	

Scheinbare Sternörter 1935

Tag	582) α Serpentis				583) β Serpentis				584) κ Serpentis				585) μ Serpentis			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1935	$15^h\ 41^m$		$+6°\ 37'$		$15^h\ 43^m$		$+15°\ 37'$		$15^h\ 45^m$		$+18°\ 20'$		$15^h\ 46^m$		$-3°\ 13'$	
Jan. 1	$3^s.781$	285	$33''.94$	207	$11^s.049$	283	$14''.22$	236	$48^s.592$	281	$15''.10$	244	$13^s.445$	287	$65''.19$	170
11	4.066	305	31.87	194	11.332	304	11.86	216	48.873	303	12.66	222	13.732	307	66.89	167
21	4.371	315	29.93	175	11.636	316	9.70	187	49.176	317	10.44	191	14.039	317	68.56	156
31	4.686	317	28.18	148	11.952	319	7.83	153	49.493	321	8.53	155	14.356	320	70.12	140
Feb. 10	5.003	312	26.70	117	12.271	316	6.30	113	49.814	317	6.98	112	14.676	315	71.52	119
20	5.315	301	25.53	82	12.587	304	5.17	70	50.131	307	5.86	66	14.991	304	72.71	94
März 2	5.616	284	24.71	46	12.891	288	4.47	25	50.438	291	5.20	20	15.295	289	73.65	67
12	5.900	264	24.25	9	13.179	268	4.22	19	50.729	271	5.00	25	15.584	269	74.32	40
22	6.164	241	24.16	25	13.447	244	4.41	59	51.000	246	5.25	69	15.853	248	74.72	12
Apr. 1	6.405	217	24.41	57	13.691	217	5.00	95	51.246	220	5.94	106	16.101	224	74.84	13
11	6.622	189	24.98	84	13.908	190	5.95	127	51.466	192	7.00	139	16.325	199	74.71	35
21	6.811	162	25.82	105	14.098	160	7.22	150	51.658	162	8.39	164	16.524	172	74.36	54
Mai 1	6.973	133	26.87	122	14.258	130	8.72	169	51.820	132	10.03	182	16.696	144	73.82	68
11	7.106	104	28.09	132	14.388	99	10.41	179	51.952	99	11.85	193	16.840	116	73.14	78
20	[18] 7.210	73	29.41	138	[19] 14.487	67	12.20	184	[19] 52.051	66	13.78	196	[19] 16.956	85	72.36	86
30	7.283	43	30.79	138	14.554	35	14.04	181	52.117	34	15.74	194	17.041	55	71.50	88
Juni 9	7.326	11	32.17	134	14.589	3	15.85	173	52.151	1	17.68	186	17.096	23	70.62	88
19	7.337	20	33.51	127	14.592	30	17.58	161	52.152	32	19.54	172	17.119	8	69.74	85
29	7.317	50	34.78	115	14.562	60	19.19	145	52.120	63	21.26	154	17.111	40	68.89	81
Juli 9	7.267	78	35.93	101	14.502	89	20.64	125	52.057	92	22.80	132	17.071	69	68.08	74
19	7.189	104	36.94	87	14.413	114	21.89	102	51.965	119	24.12	107	17.002	96	67.34	67
29	7.085	126	37.81	69	14.299	137	22.91	77	51.846	141	25.19	81	16.906	119	66.67	58
Aug. 8	6.959	142	38.50	50	14.162	153	23.68	51	51.705	159	26.00	52	16.787	136	66.09	48
18	6.817	153	39.00	30	14.009	165	24.19	23	51.546	169	26.52	22	16.651	149	65.61	37
28	6.664	156	39.30	9	13.844	167	24.42	6	51.377	172	26.74	9	16.502	152	65.24	25
Sept. 7	6.508	150	39.39	13	13.677	162	24.36	35	51.205	168	26.65	40	16.350	148	64.99	13
17	6.358	137	39.26	36	13.515	148	24.01	64	51.037	154	26.25	72	16.202	135	64.86	3
27	6.221	114	38.90	59	13.367	125	23.37	94	50.883	132	25.53	104	16.067	113	64.89	18
Okt. 7	6.107	83	38.31	84	13.242	95	22.43	124	50.751	101	24.49	134	15.954	81	65.07	37
17	6.024	45	37.47	108	13.147	56	21.19	153	50.650	62	23.15	164	15.873	43	65.44	56
27	5.979	0	36.39	133	13.091	12	19.66	179	50.588	18	21.51	192	15.830	1	66.00	76
Nov. 6	5.979	48	35.06	155	13.079	38	17.87	204	50.570	32	19.59	217	15.831	50	66.76	97
16	6.027	98	33.51	176	13.117	88	15.83	224	50.602	83	17.42	237	15.881	100	67.73	117
26	6.125	146	31.75	193	13.205	138	13.59	239	50.685	134	15.05	251	15.981	150	68.90	135
Dez. 6	6.271	193	29.82	204	13.343	186	11.20	248	50.819	181	12.54	260	16.131	195	70.25	151
16	6.464	233	27.78	211	13.529	227	8.72	249	51.000	224	9.94	260	16.326	235	71.76	162
26	6.697	265	25.67	210	13.756	262	6.23	242	51.224	260	7.34	251	16.561	268	73.38	168
36	6.962		23.57		14.018		3.81		51.484		4.83		16.829		75.06	
Mittl. Ort	3.878		43.99		11.213		26.34		48.792		27.76		13.530		57.60	
sec δ, tg δ	1.007		+0.116		1.038		+0.280		1.054		+0.331		1.002		−0.056	
a, *a'*	+2.9		−11.4		+2.8		−11.3		+2.7		−11.1		+3.1		−11.0	
b, *b'*	0.00		+ 0.82		−0.01		+ 0.83		−0.01		+ 0.83		0.00		+ 0.83	

Tag	590) ζ Ursae min. AR.		590) ζ Ursae min. Dekl.		588) ε Serpentis AR.		588) ε Serpentis Dekl.	
1935	$15^h 46^m$		+77° 59′		$15^h 47^m$		+4° 40′	
	s		″		s		″	
Jan. 1	15.56	75	22.45	284	34.326	281	10.08	199
11	16.31	88	19.61	234	34.607	302	8.09	189
21	17.19	99	17.27	178	34.909	313	6.20	171
31	18.18	105	15.49	114	35.222	317	4.49	146
Feb. 10	19.23	109	14.35	47	35.539	312	3.03	118
20	20.32	107	13.88	22	35.851	302	1.85	84
März 2	21.39	102	14.10	87	36.153	287	1.01	50
12	22.41	94	14.97	149	36.440	267	0.51	15
22	23.35	82	16.46	204	36.707	246	0.36	18
Apr. 1	24.17	68	18.50	250	36.953	221	0.54	49
11	24.85	52	21.00	285	37.174	196	1.03	75
21	25.37	34	23.85	310	37.370	169	1.78	96
Mai 1	25.71	15	26.95	324	37.539	140	2.74	113
11	25.86	2	30.19	326	37.679	111	3.87	124
20*)	[19] 25.84	21	33.45	318	[20] 37.790	81	5.11	129
30	25.63	37	36.63	299	37.871	50	6.40	131
Juni 9	25.26	53	39.62	274	37.921	18	7.71	127
19	24.73	68	42.36	239	37.939	13	8.98	121
29	24.05	80	44.75	200	37.926	44	10.19	111
Juli 9	23.25	91	46.75	154	37.882	73	11.30	98
19	22.34	100	48.29	107	37.809	100	12.28	85
29	21.34	105	49.36	55	37.709	123	13.13	69
Aug. 8	20.29	110	49.91	4	37.586	140	13.82	51
18	19.19	111	49.95	49	37.446	152	14.33	34
28	18.08	110	49.46	100	37.294	156	14.67	14
Sept. 7	16.98	107	48.46	150	37.138	151	14.81	6
17	15.91	100	46.96	196	36.987	139	14.75	27
27	14.91	90	45.00	241	36.848	118	14.48	50
Okt. 7	14.01	80	42.59	280	36.730	86	13.98	73
17	13.21	66	39.79	313	36.644	49	13.25	96
27	12.55	49	36.66	341	36.595	5	12.29	120
Nov. 6	12.06	32	33.25	360	36.590	43	11.09	142
16	11.74	12	29.65	371	36.633	93	9.67	163
26	11.62	7	25.94	371	36.726	142	8.04	180
Dez. 6	11.69	27	22.23	361	36.868	188	6.24	193
16	11.96	47	18.62	340	37.056	229	4.31	201
26	12.43	64	15.22	307	37.285	261	2.30	200
36	13.07		12.15		37.546		0.30	
Mittl. Ort	20.25		43.22		34.441		19.55	
sec δ, tg δ	4.808		+4.703		1.003		+0.082	
a, *a′*	−2.2		−11.0		+3.0		−10.9	
b, *b′*	−0.17		+ 0.83		0.00		+ 0.84	

Tag	589) β Triang. austr. AR.		589) β Triang. austr. Dekl.		593) ε Coron. bor. AR.		593) ε Coron. bor. Dekl.	
1935	$15^h 49^m$		−63° 13′		$15^h 54^m$		+27° 3′	
	s		″		s		″	
Jan. 1	22.83	57	51.13	90	53.372	279	39.62	268
11	23.40	61	50.23	46	53.651	305	36.94	240
21	24.01	64	49.77	4	53.956	321	34.54	204
31	24.65	65	49.73	38	54.277	330	32.50	160
Feb. 10	25.30	65	50.11	78	54.607	328	30.90	110
20	25.95	63	50.89	114	54.935	321	29.80	59
März 2	26.58	61	52.03	147	55.256	305	29.21	5
12	27.19	57	53.50	176	55.561	285	29.16	47
22	27.76	52	55.26	200	55.846	261	29.63	95
Apr. 1	28.28	48	57.26	220	56.107	232	30.58	138
11	28.76	43	59.46	235	56.339	203	31.96	174
21	29.19	36	61.81	246	56.542	171	33.70	202
Mai 1	29.55	29	64.27	252	56.713	137	35.72	223
11	29.84	23	66.79	252	56.850	101	37.95	234
20*)	[20] 30.07	16	69.31	248	[22] 56.951	67	40.29	237
30	30.23	8	71.79	238	57.018	30	42.66	233
Juni 9	30.31	0	74.17	223	57.048	6	44.99	222
19	30.31	7	76.40	201	57.042	41	47.21	205
29	30.24	14	78.41	175	57.001	75	49.26	183
Juli 9	30.10	21	80.16	143	56.926	106	51.09	156
19	29.89	27	81.59	107	56.820	135	52.65	126
29	29.62	31	82.66	67	56.685	159	53.91	92
Aug. 8	29.31	36	83.33	24	56.526	178	54.83	58
18	28.95	37	83.57	20	56.348	190	55.41	21
28	28.58	38	83.37	65	56.158	195	55.62	16
Sept. 7	28.20	37	82.72	107	55.963	191	55.46	54
17	27.83	33	81.65	148	55.772	177	54.92	91
27	27.50	27	80.17	181	55.595	156	54.01	128
Okt. 7	27.23	21	78.36	210	55.439	125	52.73	164
17	27.02	13	76.26	230	55.314	86	51.09	197
27	26.89	3	73.96	240	55.228	40	49.12	227
Nov. 6	26.86	8	71.56	241	55.188	11	46.85	254
16	26.94	17	69.15	232	55.199	65	44.31	274
26	27.11	28	66.83	214	55.264	117	41.57	288
Dez. 6	27.39	38	64.69	189	55.381	169	38.69	294
16	27.77	46	62.80	155	55.550	216	35.75	292
26	28.23	53	61.25	117	55.766	255	32.83	278
36	28.76		60.08		56.021		30.05	
Mittl. Ort	23.83		55.75		53.721		53.77	
sec δ, tg δ	2.220		−1.982		1.123		+0.511	
a, *a′*	+5.3		−10.8		+2.5		−10.4	
b, *b′*	+0.07		+ 0.84		−0.02		+ 0.85	

*) Bei Stern 593) lies Mai 21

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Tag	594) δ Scorpii AR.		594) δ Scorpii Dekl.		598) ϑ Draconis AR.		598) ϑ Draconis Dekl.	
1935	15h 56m		−22° 26′		16h 0m		+58° 43′	
Jan. 1	29.006	309	21.18	83	38.665	354	59.65	309
11	29.315	331	22.01	96	39.019	409	56.56	266
21	29.646	343	22.97	104	39.428	449	53.90	214
31	29.989	347	24.01	108	39.877	475	51.76	153
Feb. 10	30.336	343	25.09	108	40.352	485	50.23	88
20	30.679	333	26.17	104	40.837	479	49.35	21
März 2	31.012	319	27.21	98	41.316	461	49.14	47
12	31.331	300	28.19	88	41.777	430	49.61	111
22	31.631	279	29.07	78	42.207	387	50.72	169
Apr. 1	31.910	256	29.85	67	42.594	336	52.41	221
11	32.166	230	30.52	57	42.930	278	54.62	262
21	32.396	203	31.09	48	43.208	216	57.24	293
Mai 1	32.599	174	31.57	38	43.424	149	60.17	314
11	32.773	143	31.95	32	43.573	82	63.31	323
21	32.916	111	32.27	25	43.655	14	66.54	323
	22				23			
30	33.027	77	32.52	18	43.669	52	69.77	312
Juni 9	33.104	41	32.70	13	43.617	116	72.89	292
19	33.145	6	32.83	6	43.501	178	75.81	265
29	33.151	30	32.89	0	43.323	233	78.46	230
Juli 9	33.121	63	32.89	6	43.090	282	80.76	191
19	33.058	95	32.83	14	42.808	326	82.67	146
29	32.963	123	32.69	22	42.482	360	84.13	98
Aug. 8	32.840	143	32.47	30	42.122	385	85.11	49
18	32.697	158	32.17	38	41.737	400	85.60	2
28	32.539	164	31.79	45	41.337	404	85.58	54
Sept. 7	32.375	161	31.34	51	40.933	396	85.04	104
17	32.214	147	30.83	55	40.537	374	84.00	154
27	32.067	124	30.28	55	40.163	341	82.46	200
Okt. 7	31.943	90	29.73	52	39.822	295	80.46	245
17	31.853	50	29.21	46	39.527	236	78.01	283
27	31.803	1	28.75	36	39.291	168	75.18	316
Nov. 6	31.802	52	28.39	22	39.123	91	72.02	343
16	31.854	105	28.17	5	39.032	8	68.59	360
26	31.959	159	28.12	14	39.024	76	64.99	370
Dez. 6	32.118	209	28.26	34	39.100	160	61.29	367
16	32.327	252	28.60	54	39.260	241	57.62	354
26	32.579	288	29.14	71	39.501	312	54.08	328
36	32.867		29.85		39.813		50.80	
Mittl. Ort	29.147		18.07		40.115		78.16	
sec δ, tg δ	1.082		−0.413		1.927		+1.647	
a, *a′*	+3.5		−10.3		+1.2		−10.0	
b, *b′*	+0.01		+ 0.86		−0.05		+ 0.87	

Tag	597) β Scorpii AR.		597) β Scorpii Dekl.		603) δ Ophiuchi AR.		603) δ Ophiuchi Dekl.	
1935	16h 1m		−19° 37′		16h 10m		−3° 31′	
Jan. 1	39.054	301	48.53	92	56.049	271	49.60	162
11	39.355	321	49.45	103	56.320	294	51.22	158
21	39.676	335	50.48	108	56.614	309	52.80	148
31	40.011	340	51.56	110	56.923	315	54.28	133
Feb. 10	40.351	337	52.66	106	57.238	315	55.61	113
20	40.688	328	53.72	99	57.553	308	56.74	89
März 2	41.016	315	54.71	89	57.861	296	57.63	62
12	41.331	297	55.60	78	58.157	281	58.25	34
22	41.628	277	56.38	65	58.438	263	58.59	7
Apr. 1	41.905	255	57.03	53	58.701	242	58.66	18
11	42.160	229	57.56	40	58.943	219	58.48	40
21	42.389	204	57.96	30	59.162	194	58.08	59
Mai 1	42.593	176	58.26	21	59.356	167	57.49	73
11	42.769	145	58.47	13	59.523	139	56.76	84
21	42.914	114	58.60	6	59.662	109	55.92	91
	23				26			
30	43.028	80	58.66	1	59.771	77	55.01	93
Juni 9	43.108	45	58.67	4	59.848	45	54.08	93
19	43.153	10	58.63	8	59.893	10	53.15	90
29	43.163	25	58.55	12	59.903	23	52.25	84
Juli 9	43.138	60	58.43	16	59.880	55	51.41	77
19	43.078	90	58.27	22	59.825	85	50.64	70
29	42.988	118	58.05	27	59.740	112	49.94	60
Aug. 8	42.870	140	57.78	31	59.628	133	49.34	49
18	42.730	155	57.47	37	59.495	150	48.85	39
28	42.575	161	57.10	41	59.345	157	48.46	27
Sept. 7	42.414	160	56.69	44	59.188	156	48.19	15
17	42.254	147	56.25	45	59.032	147	48.04	0
27	42.107	125	55.80	44	58.885	128	48.04	15
Okt. 7	41.982	94	55.36	39	58.757	100	48.19	32
17	41.888	53	54.97	32	58.657	63	48.51	50
27	41.835	6	54.65	20	58.594	21	49.01	70
Nov. 6	41.829	44	54.45	5	58.573	27	49.71	89
16	41.873	99	54.40	11	58.600	76	50.60	108
26	41.972	150	54.51	30	58.676	126	51.68	126
Dez. 6	42.122	199	54.81	48	58.802	172	52.94	141
16	42.321	243	55.29	67	58.974	215	54.35	152
26	42.564	279	55.96	82	59.189	251	55.87	159
36	42.843		56.78		59.440		57.46	
Mittl. Ort	39.202		44.73		56.223		42.30	
sec δ, tg δ	1.062		−0.357		1.002		−0.062	
a, *a′*	+3.5		−9.9		+3.1		−9.2	
b, *b′*	+0.01		+0.87		0.00		+0.89	

Tag	606) 19 Ursae min. AR.		606) Dekl.		605) ε Ophiuchi AR.		605) Dekl.		604) γ^2 Normae AR.		604) Dekl.		608) τ Herculis AR.		608) Dekl.	
1935	$16^h\ 12^m$		$+76°\ 2'$		$16^h\ 14^m$		$-4°\ 32'$		$16^h\ 14^m$		$-49°\ 59'$		$16^h\ 17^m$		$+46°\ 27'$	
Jan. 1	$34^s.54$	57	$12''.40$	306	$52^s.588$	270	$15''.12$	155	$57^s.382$	402	$51''.09$	63	$46^s.198$	285	$46''.15$	311
11	35.11	71	9.34	263	52.858	293	16.67	152	57.784	437	50.46	31	46.483	327	43.04	276
21	35.82	81	6.71	210	53.151	308	18.19	144	58.221	460	50.15	0	46.810	357	40.28	230
31	36.63	89	4.61	150	53.459	316	19.63	130	58.681	472	50.15	29	47.167	378	37.98	177
Feb. 10	37.52	93	3.11	83	53.775	315	20.93	111	59.153	474	50.44	58	47.545	387	36.21	117
20	38.45	94	2.28	16	54.090	309	22.04	87	59.627	467	51.02	83	47.932	386	35.04	53
März 2	39.39	92	2.12	52	54.399	298	22.91	62	60.094	452	51.85	105	48.318	374	34.51	11
12	40.31	86	2.64	116	54.697	284	23.53	35	60.546	432	52.90	124	48.692	354	34.62	74
22	41.17	78	3.80	176	54.981	266	23.88	9	60.978	407	54.14	140	49.046	326	35.36	132
Apr. 1	41.95	67	5.56	226	55.247	245	23.97	16	61.385	376	55.54	153	49.372	292	36.68	184
11	42.62	54	7.82	269	55.492	223	23.81	37	61.761	342	57.07	163	49.664	254	38.52	228
21	43.16	40	10.51	300	55.715	199	23.44	55	62.103	305	58.70	171	49.918	211	40.80	262
Mai 1	43.56	25	13.51	320	55.914	172	22.89	70	62.408	263	60.41	176	50.129	165	43.42	287
11	43.81	9	16.71	330	56.086	144	22.19	80	62.671	217	62.17	177	50.294	117	46.29	301
21	26 43.90	7	20.01	328	27 56.230	113	21.39	86	27 62.888	169	63.94	177	27 50.411	67	49.30	307
30	43.83	21	23.29	317	56.343	82	20.53	90	63.057	117	65.71	171	50.478	19	52.37	301
Juni 9	43.62	36	26.46	297	56.425	48	19.63	89	63.174	64	67.42	162	50.497	31	55.38	287
19	43.26	49	29.43	268	56.473	15	18.74	86	63.238	9	69.04	149	50.466	79	58.25	267
29	42.77	62	32.11	233	56.488	20	17.88	81	63.247	45	70.53	132	50.387	125	60.92	237
Juli 9	42.15	72	34.44	192	56.468	52	17.07	75	63.202	97	71.85	110	50.262	166	63.29	204
19	41.43	81	36.36	147	56.416	83	16.32	68	63.105	145	72.95	86	50.096	205	65.33	166
29	40.62	88	37.83	98	56.333	110	15.64	58	62.960	187	73.81	57	49.891	236	66.99	122
Aug. 8	39.74	93	38.81	48	56.223	132	15.06	50	62.773	220	74.38	26	49.655	262	68.21	78
18	38.81	96	39.29	5	56.091	148	14.56	39	62.553	243	74.64	7	49.393	279	68.99	31
28	37.85	97	39.24	56	55.943	157	14.17	28	62.310	255	74.57	40	49.114	287	69.30	17
Sept. 7	36.88	95	38.68	108	55.786	157	13.89	17	62.055	252	74.17	73	48.827	286	69.13	65
17	35.93	91	37.60	157	55.629	149	13.72	4	61.803	237	73.44	104	48.541	274	68.48	113
27	35.02	85	36.03	204	55.480	129	13.68	11	61.566	206	72.40	131	48.267	250	67.35	159
Okt. 7	34.17	75	33.99	247	55.351	102	13.79	27	61.360	161	71.09	153	48.017	217	65.76	202
17	33.42	65	31.52	286	55.249	66	14.06	43	61.199	106	69.56	170	47.800	173	63.74	243
27	32.77	51	28.66	319	55.183	24	14.49	63	61.093	40	67.86	177	47.627	121	61.31	279
Nov. 6	32.26	37	25.47	344	55.159	24	15.12	82	61.053	33	66.09	179	47.506	61	58.52	308
16	31.89	21	22.03	362	55.183	73	15.94	100	61.086	107	64.30	173	47.445	3	55.44	332
26	31.68	3	18.41	369	55.256	123	16.94	118	61.193	183	62.57	158	47.448	69	52.12	345
Dez. 6	31.65	15	14.72	366	55.379	171	18.12	134	61.376	253	60.99	139	47.517	134	48.67	350
16	31.80	32	11.06	353	55.550	212	19.46	145	61.629	316	59.60	113	47.651	197	45.17	343
26	32.12	48	7.53	326	55.762	249	20.91	151	61.945	370	58.47	84	47.848	252	41.74	326
36	32.60		4.27		56.011		22.42		62.315		57.63		48.100		38.48	
Mittl. Ort	39.07		31.03		52.773		8.06		57.932		52.69		47.153		62.11	
sec δ, tg δ	4.146		+4.023		1.003		−0.079		1.556		−1.192		1.452		+1.053	
a, a'	−1.7		−9.0		+3.2		−8.9		+4.5		−8.9		+1.8		−8.6	
b, b'	−0.12		+0.89		0.00		+0.90		+0.04		+0.90		−0.03		+0.90	

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Tag	609) γ Herculis AR.		Dekl.		615) η Draconis AR.		Dekl.		611) γ Apodis AR.		Dekl.		616) α Scorpii AR.		Dekl.	
1935	$16^h\,19^m$		$+19^\circ\,17'$		$16^h\,23^m$		$+61^\circ\,39'$		$16^h\,23^m$		$-78^\circ\,45'$		$16^h\,25^m$		$-26^\circ\,17'$	
Jan. 1	2.720	256	64.66	248	4.45	36	22.46	323	21.46	109	13.45	189	24.830	297	24.79	44
11	2.976	284	62.18	229	4.81	39	19.23	283	22.55	121	11.56	145	25.127	323	25.23	58
21	3.260	302	59.89	200	5.20	45	16.40	234	23.76	131	10.11	98	25.450	341	25.81	69
31	3.562	313	57.89	163	5.65	50	14.06	176	25.07	138	9.13	49	25.791	350	26.50	77
Feb. 10	3.875	315	56.26	122	6.15	52	12.30	111	26.45	141	8.64	0	26.141	352	27.27	81
20	4.190	312	55.04	77	6.67	51	11.19	44	27.86	141	8.64	48	26.493	347	28.08	81
März 2	4.502	301	54.27	28	7.18	51	10.75	24	29.27	138	9.12	92	26.840	337	28.89	78
12	4.803	286	53.99	19	7.69	47	10.99	90	30.65	133	10.04	135	27.177	323	29.67	75
22	5.089	267	54.18	65	8.16	44	11.89	152	31.98	125	11.39	173	27.500	306	30.42	69
Apr. 1	5.356	245	54.83	105	8.60	40	13.41	206	33.23	115	13.12	206	27.806	285	31.11	63
11	5.601	220	55.88	141	9.00	33	15.47	252	34.38	104	15.18	236	28.091	263	31.74	57
21	5.821	192	57.29	169	9.33	27	17.99	287	35.42	90	17.54	260	28.354	237	32.31	52
Mai 1	6.013	162	58.98	191	9.60	20	20.86	313	36.32	75	20.14	278	28.591	208	32.83	47
11	6.175	131	60.89	205	9.80	12	23.99	328	37.07	59	22.92	291	28.799	178	33.30	42
21	(28) 6.306	98	62.94	212	(29) 9.92	4	27.27	330	(29) 37.66	41	25.83	296	(29) 28.977	145	33.72	38
30	6.404	63	65.06	212	9.96	2	30.57	325	38.07	23	28.79	295	29.122	108	34.10	35
Juni 9	6.467	28	67.18	205	9.94	11	33.82	308	38.30	5	31.74	286	29.230	71	34.45	31
19	6.495	7	69.23	193	9.83	17	36.90	285	38.35	14	34.60	271	29.301	32	34.76	26
29	6.488	42	71.16	176	9.66	23	39.75	253	38.21	32	37.31	247	29.333	8	35.02	21
Juli 9	6.446	76	72.92	155	9.43	30	42.28	215	37.89	48	39.78	218	29.325	46	35.23	14
19	6.370	107	74.47	130	9.13	35	44.43	173	37.41	64	41.96	180	29.279	82	35.37	7
29	6.263	134	75.77	103	8.78	39	46.16	127	36.77	77	43.76	137	29.197	115	35.44	3
Aug. 8	6.129	157	76.80	74	8.39	43	47.43	77	36.00	87	45.13	89	29.082	142	35.41	12
18	5.972	172	77.54	43	7.96	44	48.20	27	35.13	93	46.02	37	28.940	162	35.29	23
28	5.800	182	77.97	12	7.52	46	48.47	26	34.20	97	46.39	17	28.778	173	35.06	34
Sept. 7	5.618	181	78.09	22	7.06	45	48.21	77	33.23	96	46.22	71	28.605	174	34.72	44
17	5.437	173	77.87	54	6.61	44	47.44	129	32.27	90	45.51	124	28.431	166	34.28	52
27	5.264	156	77.33	88	6.17	41	46.15	177	31.37	81	44.27	173	28.265	146	33.76	59
Okt. 7	5.108	128	76.45	120	5.76	36	44.38	223	30.56	68	42.54	217	28.119	116	33.17	61
17	4.980	93	75.25	151	5.40	30	42.15	265	29.88	51	40.37	252	28.003	77	32.56	61
27	4.887	51	73.74	181	5.10	24	39.50	302	29.37	31	37.85	279	27.926	30	31.95	57
Nov. 6	4.836	3	71.93	207	4.86	15	36.48	332	29.06	10	35.06	294	27.896	23	31.38	47
16	4.833	47	69.86	230	4.71	7	33.16	354	28.96	14	32.12	300	27.919	78	30.91	36
26	4.880	98	67.56	247	4.64	2	29.62	368	29.10	37	29.12	293	27.997	133	30.55	21
Dez. 6	4.978	148	65.09	258	4.66	12	25.94	369	29.47	59	26.19	277	28.130	185	30.34	3
16	5.126	193	62.51	260	4.78	21	22.25	361	30.06	79	23.42	250	28.315	233	30.31	15
26	5.319	233	59.91	255	4.99	29	18.64	340	30.85	98	20.92	216	28.548	273	30.46	33
36	5.552		57.36		5.28		15.24		31.83		18.76		28.821		30.79	
Mittl. Ort	3.082		76.34		6.38		39.50		25.18		17.74		25.077		22.00	
sec δ, tg δ	1.060		+0.350		2.107		+1.854		5.128		−5.030		1.115		−0.494	
a, a'	+2.6		−8.5		+0.8		−8.2		+9.2		−8.2		+3.7		−8.0	
b, b'	−0.01		+0.90		−0.05		+0.91		+0.14		+0.91		+0.01		+0.92	

Tag	618) β Herculis				619) A Draconis				621) σ Herculis				622) ζ Ophiuchi			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1935	$16^h\,27^m$		$+21°\,37'$		$16^h\,28^m$		$+68°\,54'$		$16^h\,31^m$		$+42°\,33'$		$16^h\,33^m$		$-10°\,26'$	
Jan. 1	25.056	250	36.18	256	3.11	39	14.67	323	59.511	261	57.85	311	34.405	263	18.88	119
11	25.306	278	33.62	236	3.50	49	11.44	284	59.772	302	54.74	278	34.668	288	20.07	121
21	25.584	299	31.26	206	3.99	56	8.60	233	60.074	332	51.96	238	34.956	306	21.28	119
31	25.883	312	29.20	169	4.55	61	6.27	176	60.406	355	49.58	187	35.262	316	22.47	110
Feb. 10	26.195	316	27.51	126	5.16	64	4.51	111	60.761	364	47.71	130	35.578	319	23.57	97
20	26.511	314	26.25	78	5.80	66	3.40	43	61.125	366	46.41	70	35.897	316	24.54	80
März 2	26.825	306	25.47	28	6.46	64	2.97	26	61.491	359	45.71	6	36.213	308	25.34	62
12	27.131	291	25.19	21	7.10	62	3.23	92	61.850	343	45.65	55	36.521	296	25.96	41
22	27.422	274	25.40	68	7.72	56	4.15	153	62.193	320	46.20	114	36.817	280	26.37	20
Apr. 1	27.696	252	26.08	111	8.28	50	5.68	209	62.513	292	47.34	166	37.097	263	26.57	0
11	27.948	227	27.19	148	8.78	42	7.77	255	62.805	258	49.00	211	37.360	242	26.57	18
21	28.175	199	28.67	179	9.20	34	10.32	291	63.063	221	51.11	248	37.602	220	26.39	32
Mai 1	28.374	170	30.46	202	9.54	23	13.23	316	63.284	180	53.59	276	37.822	194	26.07	44
11	28.544	138	32.48	216	9.77	14	16.39	331	63.464	136	56.35	292	38.016	166	25.63	53
21	28.682	104	34.64	225	9.91	3	19.70	335	63.600	90	59.27	300	38.182	137	25.10	58
30*)	(30) 28.786	69	36.89	224	(30) 9.94	6	23.05	328	(31) 63.690	45	62.27	297	(31) 38.319	103	24.52	61
Juni 9	28.855	32	39.13	218	9.88	17	26.33	312	63.735	3	65.24	288	38.422	69	23.91	62
19	28.887	4	41.31	206	9.71	26	29.45	288	63.732	49	68.12	270	38.491	34	23.29	60
29	28.883	40	43.37	188	9.45	34	32.33	256	63.683	93	70.82	244	38.525	3	22.69	58
Juli 9	28.843	75	45.25	166	9.11	42	34.89	218	63.590	136	73.26	213	38.522	38	22.11	54
19	28.768	108	46.91	141	8.69	49	37.07	175	63.454	173	75.39	177	38.484	72	21.57	49
29	28.660	136	48.32	112	8.20	55	38.82	129	63.281	208	77.16	138	38.412	102	21.08	45
Aug. 8	28.524	160	49.44	81	7.65	59	40.11	79	63.073	234	78.54	95	38.310	128	20.63	41
18	28.364	177	50.25	48	7.06	61	40.90	27	62.839	254	79.49	50	38.182	147	20.22	36
28	28.187	187	50.73	16	6.45	64	41.17	25	62.585	266	79.99	4	38.035	159	19.86	30
Sept. 7	28.000	189	50.89	20	5.81	62	40.92	77	62.319	266	80.03	43	37.876	162	19.56	24
17	27.811	182	50.69	54	5.19	61	40.15	128	62.053	258	79.60	90	37.714	156	19.32	17
27	27.629	165	50.15	89	4.58	57	38.87	178	61.795	239	78.70	136	37.558	140	19.15	9
Okt. 7	27.464	138	49.26	123	4.01	51	37.09	224	61.556	209	77.34	178	37.418	113	19.06	2
17	27.326	104	48.03	156	3.50	44	34.85	266	61.347	170	75.56	221	37.305	80	19.08	14
27	27.222	62	46.47	187	3.06	35	32.19	303	61.177	121	73.35	257	37.225	37	19.22	28
Nov. 6	27.160	15	44.60	215	2.71	25	29.16	333	61.056	66	70.78	289	37.188	9	19.50	43
16	27.145	35	42.45	237	2.46	14	25.83	356	60.990	7	67.89	314	37.197	60	19.93	60
26	27.180	87	40.08	256	2.32	3	22.27	368	60.983	56	64.75	331	37.257	110	20.53	76
Dez. 6	27.267	138	37.52	266	2.29	10	18.59	370	61.039	117	61.44	339	37.367	158	21.29	92
16	27.405	184	34.86	269	2.39	22	14.89	362	61.156	176	58.05	337	37.525	202	22.21	105
26	27.589	225	32.17	264	2.61	32	11.27	340	61.332	230	54.68	322	37.727	240	23.26	113
36	27.814		29.53		2.93		7.87		61.562		51.46		37.967		24.39	
Mittl. Ort	25.482		47.93		6.05		31.72		60.417		72.38		34.637		13.09	
sec δ, tg δ	1.076		+0.397		2.779		+2.593		1.358		+0.919		1.017		−0.184	
a, a'	+2.6		−7.9		−0.1		−7.8		+1.9		−7.5		+3.3		−7.4	
b, b'	−0.01		+0.92		−0.07		+0.92		−0.02		+0.93		0.00		+0.93	

*) Bei Stern 621) und 622) lies Mai 31

Scheinbare Sternörter 1935

Tag	626) η Herculis AR.		626) η Herculis Dekl.	
1935	16h 40m		+39° 2′	
Jan. 1	39.178	248	28.23	307
11	39.426	286	25.16	278
21	39.712	317	22.38	239
31	40.029	338	19.99	192
Feb. 10	40.367	349	18.07	138
20	40.716	352	16.69	78
März 2	41.068	346	15.91	18
12	41.414	333	15.73	43
22	41.747	314	16.16	100
Apr. 1	42.061	288	17.16	153
11	42.349	259	18.69	199
21	42.608	225	20.68	235
Mai 1	42.833	187	23.03	263
11	43.020	146	25.66	283
21	43.166	105	28.49	291
31	43.271	60	31.40	291
Juni 9	43.331	16	34.31	283
19	43.347	28	37.14	267
29	43.319	73	39.81	244
Juli 9	43.246	114	42.25	215
19	43.132	152	44.40	182
29	42.980	186	46.22	144
Aug. 8	42.794	213	47.66	103
18	42.581	234	48.69	60
28	42.347	248	49.29	16
Sept. 7	42.099	250	49.45	30
17	41.849	244	49.15	74
27	41.605	227	48.41	120
Okt. 7	41.378	200	47.21	163
17	41.178	163	45.58	203
27	41.015	117	43.55	241
Nov. 6	40.898	66	41.14	273
16	40.832	8	38.41	299
26	40.824	50	35.42	318
Dez. 6	40.874	109	32.24	329
16	40.983	166	28.95	328
26	41.149	216	25.67	317
36	41.365		22.50	
Mittl. Ort	40.021		41.75	
sec δ, tg δ	1.288		+0.811	
a, a'	+2.1		−6.8	
b, b'	−0.02		+0.94	

Tag	625) α Triang. austr. AR.		625) α Triang. austr. Dekl.	
1935	16h 41m		−68° 54′	
Jan. 1	44.06	59	38.03	175
11	44.65	68	36.28	137
21	45.33	73	34.91	97
31	46.06	77	33.94	56
Feb. 10	46.83	80	33.38	14
20	47.63	79	33.24	27
März 2	48.42	79	33.51	66
12	49.21	76	34.17	102
22	49.97	73	35.19	136
Apr. 1	50.70	68	36.55	165
11	51.38	63	38.20	192
21	52.01	56	40.12	214
Mai 1	52.57	48	42.26	232
11	53.05	41	44.58	245
21	53.46	31	47.03	253
31	53.77	22	49.56	254
Juni 9	53.99	11	52.10	250
19	54.10	2	54.60	239
29	54.12	9	56.99	222
Juli 9	54.03	18	59.21	198
19	53.85	27	61.19	168
29	53.58	36	62.87	131
Aug. 8	53.22	42	64.18	91
18	52.80	46	65.09	47
28	52.34	50	65.56	2
Sept. 7	51.84	50	65.54	49
17	51.34	48	65.05	97
27	50.86	44	64.08	142
Okt. 7	50.42	38	62.66	182
17	50.04	28	60.84	215
27	49.76	18	58.69	241
Nov. 6	49.58	6	56.28	258
16	49.52	6	53.70	264
26	49.58	19	51.06	260
Dez. 6	49.77	32	48.46	248
16	50.09	44	45.98	226
26	50.53	54	43.72	198
36	51.07		41.74	
Mittl. Ort	45.76		40.56	
sec δ, tg δ	2.779		−2.593	
a, a'	+6.3		−6.7	
b, b'	+0.06		+0.94	

Tag	627) Grb 2377 AR.		627) Grb 2377 Dekl.	
1935	16h 44m		+56° 53′	
Jan. 1	2.011	280	35.52	332
11	2.291	341	32.20	297
21	2.632	390	29.23	253
31	3.022	427	26.70	199
Feb. 10	3.449	450	24.71	137
20	3.899	459	23.34	72
März 2	4.358	455	22.62	4
12	4.813	439	22.58	62
22	5.252	411	23.20	125
Apr. 1	5.663	375	24.45	182
11	6.038	328	26.27	232
21	6.366	277	28.59	271
Mai 1	6.643	218	31.30	302
11	6.861	158	34.32	320
21	7.019	92	37.52	330
31	7.111	28	40.82	328
Juni 9	7.139	38	44.10	318
19	7.101	101	47.28	299
29	7.000	161	50.27	271
Juli 9	6.839	219	52.98	238
19	6.620	269	55.36	199
29	6.351	313	57.35	156
Aug. 8	6.038	349	58.91	109
18	5.689	375	60.00	59
28	5.314	390	60.59	9
Sept. 7	4.924	394	60.68	42
17	4.530	384	60.26	94
27	4.146	363	59.32	144
Okt. 7	3.783	327	57.88	191
17	3.456	281	55.97	236
27	3.175	221	53.61	276
Nov. 6	2.954	153	50.85	310
16	2.801	79	47.75	337
26	2.722	2	44.38	355
Dez. 6	2.724	82	40.83	364
16	2.806	162	37.19	360
26	2.968	237	33.59	345
36	3.205		30.14	
Mittl. Ort	3.723		50.49	
sec δ, tg δ	1.831		+1.534	
a, a'	+1.1		−6.5	
b, b'	−0.03		+0.95	

Tag	628) ε Scorpii AR.		628) ε Scorpii Dekl.	
1935	16h 45m		−34° 10′	
Jan. 1	56.535	299	38.91	12
11	56.834	332	38.79	6
21	57.166	353	38.85	23
31	57.519	368	39.08	36
Feb. 10	57.887	373	39.44	49
20	58.260	373	39.93	57
März 2	58.633	367	40.50	63
12	59.000	355	41.13	68
22	59.355	340	41.81	72
Apr. 1	59.695	321	42.53	73
11	60.016	299	43.26	74
21	60.315	274	44.00	76
Mai 1	60.589	244	44.76	77
11	60.833	213	45.53	77
21	61.046	176	46.30	77
31	61.222	137	47.07	76
Juni 9	61.359	96	47.83	73
19	61.455	52	48.56	70
29	61.507	6	49.26	63
Juli 9	61.513	36	49.89	55
19	61.477	79	50.44	44
29	61.398	118	50.88	30
Aug. 8	61.280	149	51.18	16
18	61.131	175	51.34	2
28	60.956	191	51.32	19
Sept. 7	60.765	196	51.13	38
17	60.569	191	50.75	55
27	60.378	173	50.20	69
Okt. 7	60.205	144	49.51	81
17	60.061	104	48.70	90
27	59.957	56	47.80	92
Nov. 6	59.901	0	46.88	92
16	59.901	57	45.96	85
26	59.958	117	45.11	75
Dez. 6	60.075	174	44.36	60
16	60.249	226	43.76	43
26	60.475	272	43.33	26
36	60.747		43.07	
Mittl. Ort	56.892		37.00	
sec δ, tg δ	1.209		−0.679	
a, a'	+3.9		−6.4	
b, b'	+0.01		+0.95	

Tag	629) 49 Herculis				630) ζ² Scorpii				631) ζ Arae				633) ϰ Ophiuchi			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1935	16ʰ 49ᵐ		+15° 4′		16ʰ 49ᵐ		−42° 15′		16ʰ 53ᵐ		−55° 53′		16ʰ 54ᵐ		+9° 28′	
Jan. 1	6.810	232	44.92	232	59.672	325	7.72	58	13.123	403	22.43	129	35.032	229	20.08	208
11	7.042	262	42.60	217	59.997	362	7.14	35	13.526	451	21.14	100	35.261	258	18.00	196
21	7.304	283	40.43	194	60.359	387	6.79	13	13.977	488	20.14	69	35.519	280	16.04	178
31	7.587	298	38.49	164	60.746	405	6.66	8	14.465	514	19.45	36	35.799	294	14.26	152
Feb. 10	7.885	306	36.85	127	61.151	413	6.74	27	14.979	527	19.09	7	36.093	302	12.74	120
20	8.191	307	35.58	85	61.564	413	7.01	45	15.506	531	19.02	23	36.395	304	11.54	84
März 2	8.498	302	34.73	41	61.977	408	7.46	59	16.037	525	19.25	53	36.699	299	10.70	45
12	8.800	293	34.32	3	62.385	396	8.05	72	16.562	512	19.78	78	36.998	291	10.25	6
22	9.093	279	34.35	47	62.781	380	8.77	84	17.074	493	20.56	102	37.289	278	10.19	34
Apr. 1	9.372	261	34.82	87	63.161	360	9.61	92	17.567	466	21.58	123	37.567	263	10.53	70
11	9.633	241	35.69	122	63.521	336	10.53	101	18.033	433	22.81	142	37.830	244	11.23	102
21	9.874	217	36.91	152	63.857	307	11.54	108	18.466	396	24.23	159	38.074	222	12.25	129
Mai 1	10.091	191	38.43	175	64.164	275	12.62	114	18.862	352	25.82	172	38.296	196	13.54	151
11	10.282	162	40.18	190	64.439	239	13.76	118	19.214	302	27.54	182	38.492	169	15.05	165
21	10.444	130	42.08	200	64.678	198	14.94	121	19.516	247	29.36	189	38.661	139	16.70	174
31	10.574	96	44.08	203	64.876	154	16.15	121	19.763	188	31.25	192	38.800	105	18.44	176
Juni 9	4 10.670	61	46.11	199	5 65.030	107	17.36	118	5 19.951	125	33.17	189	6 38.905	71	20.20	174
19	10.731	24	48.10	190	65.137	58	18.54	114	20.076	59	35.06	183	38.976	34	21.94	167
29	10.755	13	50.00	176	65.195	7	19.68	104	20.135	7	36.89	171	39.010	2	23.61	156
Juli 9	10.742	50	51.76	158	65.202	42	20.72	94	20.128	73	38.60	154	39.008	39	25.17	140
19	10.692	83	53.34	137	65.160	89	21.66	77	20.055	134	40.14	131	38.969	73	26.57	123
29	10.609	115	54.71	114	65.071	132	22.43	59	19.921	190	41.45	105	38.896	105	27.80	103
Aug. 8	10.494	141	55.85	87	64.939	169	23.02	38	19.731	238	42.50	73	38.791	132	28.83	81
18	10.353	162	56.72	60	64.770	198	23.40	14	19.493	275	43.23	39	38.659	154	29.64	58
28	10.191	176	57.32	32	64.572	216	23.54	12	19.218	298	43.62	1	38.505	169	30.22	34
Sept. 7	10.015	181	57.64	2	64.356	222	23.42	37	18.920	306	43.63	37	38.336	174	30.56	9
17	9.834	177	57.66	29	64.134	217	23.05	63	18.614	299	43.26	75	38.162	171	30.65	17
27	9.657	163	57.37	58	63.917	197	22.42	85	18.315	275	42.51	109	37.991	160	30.48	42
Okt. 7	9.494	141	56.79	89	63.720	166	21.57	105	18.040	235	41.42	141	37.831	137	30.06	69
17	9.353	110	55.90	119	63.554	123	20.52	121	17.805	178	40.01	168	37.694	107	29.37	95
27	9.243	71	54.71	148	63.431	69	19.31	130	17.627	112	38.33	189	37.587	69	28.42	120
Nov. 6	9.172	26	53.23	174	63.362	9	18.01	134	17.515	33	36.44	200	37.518	25	27.22	145
16	9.146	22	51.49	197	63.353	56	16.67	133	17.482	49	34.44	205	37.493	23	25.77	167
26	9.168	72	49.52	217	63.409	121	15.34	124	17.531	134	32.39	201	37.516	71	24.10	186
Dez. 6	9.240	120	47.35	229	63.530	184	14.10	111	17.665	216	30.38	190	37.587	120	22.24	199
16	9.360	167	45.06	237	63.714	243	12.99	93	17.881	293	28.48	172	37.707	164	20.25	208
26	9.527	207	42.69	236	63.957	294	12.06	73	18.174	361	26.76	148	37.871	204	18.17	209
36	9.734		40.33		64.251		11.33		18.535		25.28		38.075		16.08	
Mittl. Ort	7.235		54.72		60.144		6.85		13.965		23.10		35.417		28.85	
sec δ, tg δ	1.036		+0.269		1.351		−0.908		1.783		−1.476		1.014		+0.167	
a, a′	+2.7		−6.1		+4.2		−6.0		+5.0		−5.8		+2.9		−5.6	
b, b′	−0.01		+0.95		+0.02		+0.95		+0.03		+0.96		0.00		+0.96	

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Tag	634) ε Herculis AR.	Diff.	634) ε Herculis Dekl.	Diff.	637) η Ophiuchi AR.	Diff.	637) η Ophiuchi Dekl.	Diff.
1935	$16^h 57^m$		+31° 0′		$17^h 6^m$		−15° 38′	
Jan. 1	47.407	224	64.02	289	38.567	243	50.83	76
11	47.631	261	61.13	266	38.810	273	51.59	80
21	47.892	289	58.47	234	39.083	296	52.39	81
31	48.181	309	56.13	192	39.379	310	53.20	77
Feb. 10	48.490	322	54.21	145	39.689	318	53.97	70
20	48.812	327	52.76	92	40.007	321	54.67	59
März 2	49.139	325	51.84	35	40.328	319	55.26	46
12	49.464	315	51.49	21	40.647	312	55.72	30
22	49.779	302	51.70	75	40.959	301	56.02	15
Apr. 1	50.081	282	52.45	126	41.260	288	56.17	1
11	50.363	259	53.71	170	41.548	271	56.18	12
21	50.622	231	55.41	208	41.819	252	56.06	23
Mai 1	50.853	200	57.49	236	42.071	228	55.83	32
11	51.053	166	59.85	257	42.299	203	55.51	37
21	51.219	128	62.42	268	42.502	172	55.14	41
31	51.347	89	65.10	272	42.674	139	54.73	41
Juni 9*)	6 51.436	49	67.82	266	9 42.813	104	54.32	40
19	51.485	7	70.48	255	42.917	66	53.92	39
29	51.492	35	73.03	236	42.983	26	53.53	36
Juli 9	51.457	74	75.39	212	43.009	13	53.17	33
19	51.383	113	77.51	183	42.996	51	52.84	30
29	51.270	147	79.34	150	42.945	86	52.54	27
Aug. 8	51.123	176	80.84	115	42.859	118	52.27	26
18	50.947	199	81.99	76	42.741	142	52.01	25
28	50.748	215	82.75	36	42.599	160	51.76	23
Sept. 7	50.533	220	83.11	4	42.439	169	51.53	23
17	50.313	218	83.07	46	42.270	168	51.30	21
27	50.095	205	82.61	87	42.102	155	51.09	18
Okt. 7	49.890	182	81.74	127	41.947	135	50.91	14
17	49.708	151	80.47	167	41.812	104	50.77	8
27	49.557	110	78.80	202	41.708	64	50.69	0
Nov. 6	49.447	62	76.78	235	41.644	18	50.69	10
16	49.385	11	74.43	262	41.626	30	50.79	22
26	49.374	42	71.81	284	41.656	81	51.01	34
Dez. 6	49.416	97	68.97	297	41.737	131	51.35	47
16	49.513	149	66.00	301	41.868	177	51.82	60
26	49.662	195	62.99	295	42.045	218	52.42	69
36	49.857		60.04		42.263		53.11	
Mittl. Ort	48.121		75.50		38.875		45.91	
sec δ, tg δ	1.167		+0.601		1.038		−0.280	
a, a′	+2.3		−5.4		+3.4		−4.6	
b, b′	−0.01		+0.96		0.00		+0.97	

Tag	639) ζ Draconis AR.	Diff.	639) ζ Draconis Dekl.	Diff.	640) α Herculis AR.	Diff.	640) α Herculis Dekl.	Diff.
1935	$17^h 8^m$		+65° 47′		$17^h 11^m$		+14° 27′	
Jan. 1	32.80	27	27.30	343	40.469	212	38.04	227
11	33.07	36	23.87	313	40.681	244	35.77	214
21	33.43	44	20.74	271	40.925	269	33.63	193
31	33.87	50	18.03	220	41.194	287	31.70	165
Feb. 10	34.37	55	15.83	160	41.481	298	30.05	129
20	34.92	57	14.23	95	41.779	304	28.76	89
März 2	35.49	58	13.28	27	42.083	302	27.87	47
12	36.07	57	13.01	41	42.385	296	27.40	1
22	36.64	55	13.42	106	42.681	287	27.39	41
Apr. 1	37.19	50	14.48	167	42.968	272	27.80	82
11	37.69	45	16.15	220	43.240	256	28.62	119
21	38.14	38	18.35	264	43.496	234	29.81	149
Mai 1	38.52	30	20.99	300	43.730	210	31.30	174
11	38.82	23	23.99	324	43.940	182	33.04	192
21	39.05	13	27.23	337	44.122	152	34.96	202
31	39.18	5	30.60	341	44.274	117	36.98	206
Juni 9*)	9 39.23	5	34.01	334	44.391	82	39.04	204
19	39.18	13	37.35	319	10 44.473	45	41.08	197
29	39.05	21	40.54	295	44.518	6	43.05	184
Juli 9	38.84	30	43.49	265	44.524	32	44.89	168
19	38.54	36	46.14	227	44.492	69	46.57	147
29	38.18	43	48.41	186	44.423	102	48.04	124
Aug. 8	37.75	48	50.27	140	44.321	132	49.28	99
18	37.27	52	51.67	91	44.189	157	50.27	72
28	36.75	55	52.58	40	44.032	173	50.99	44
Sept. 7	36.20	56	52.98	13	43.859	182	51.43	15
17	35.64	55	52.85	65	43.677	182	51.58	15
27	35.09	53	52.20	117	43.495	172	51.43	45
Okt. 7	34.56	50	51.03	167	43.323	152	50.98	75
17	34.06	44	49.36	215	43.171	124	50.23	105
27	33.62	38	47.21	258	43.047	88	49.18	133
Nov. 6	33.24	29	44.63	296	42.959	45	47.85	161
16	32.95	20	41.67	328	42.914	1	46.24	185
26	32.75	10	38.39	349	42.915	50	44.39	205
Dez. 6	32.65	0	34.90	363	42.965	98	42.34	220
16	32.65	11	31.27	364	43.063	145	40.14	228
26	32.76	22	27.63	354	43.208	187	37.86	228
36	32.98		24.09		43.395		35.58	
Mittl. Ort	35.67		40.52		40.953		46.84	
sec δ, tg δ	2.439		+2.225		1.033		+0.258	
a, a′	+0.2		−4.5		+2.7		−4.2	
b, b′	−0.03		+0.97		0.00		+0.98	

*) Bei Stern 640) lies Juni 10

Tag	641) δ Herculis AR.		641) δ Herculis Dekl.		643) π Herculis AR.		643) π Herculis Dekl.	
1935	17h 12m		+24° 54′		17h 12m		+36° 52′	
Jan. 1	21.020	209	42.77	269	46.024	210	41.83	306
11	21.229	244	40.08	251	46.234	253	38.77	284
21	21.473	273	37.57	225	46.487	286	35.93	252
31	21.746	293	35.32	189	46.773	312	33.41	208
Feb. 10	22.039	306	33.43	145	47.085	329	31.33	159
20	22.345	313	31.98	98	47.414	338	29.74	102
März 2	22.658	313	31.00	45	47.752	340	28.72	44
12	22.971	307	30.55	6	48.092	334	28.28	17
22	23.278	297	30.61	58	48.426	322	28.45	75
Apr. 1	23.575	282	31.19	106	48.748	304	29.20	129
11	23.857	261	32.25	148	49.052	280	30.49	178
21	24.118	238	33.73	185	49.332	252	32.27	219
Mai 1	24.356	211	35.58	213	49.584	219	34.46	251
11	24.567	181	37.71	234	49.803	182	36.97	275
21	24.748	146	40.05	247	49.985	142	39.72	289
31	24.894	110	42.52	252	50.127	100	42.61	294
Juni 10	25.004	72	45.04	249	50.227	56	45.55	292
19	25.076	31	47.53	240	50.283	10	48.47	280
29	25.107	9	49.93	224	50.293	35	51.27	261
Juli 9	25.098	49	52.17	204	50.258	79	53.88	237
19	25.049	87	54.21	179	50.179	121	56.25	208
29	24.962	123	56.00	150	50.058	159	58.33	173
Aug. 8	24.839	152	57.50	117	49.899	191	60.06	135
18	24.687	178	58.67	84	49.708	218	61.41	94
28	24.509	194	59.51	49	49.490	236	62.35	51
Sept. 7	24.315	204	60.00	11	49.254	245	62.86	8
17	24.111	203	60.11	27	49.009	245	62.94	38
27	23.908	194	59.84	64	48.764	234	62.56	82
Okt. 7	23.714	173	59.20	101	48.530	212	61.74	126
17	23.541	145	58.19	138	48.318	182	60.48	168
27	23.396	107	56.81	173	48.136	141	58.80	208
Nov. 6	23.289	63	55.08	204	47.995	94	56.72	244
16	23.226	15	53.04	231	47.901	41	54.28	273
26	23.211	37	50.73	253	47.860	16	51.55	298
Dez. 6	23.248	87	48.20	269	47.876	72	48.57	312
16	23.335	136	45.51	275	47.948	127	45.45	318
26	23.471	182	42.76	274	48.075	179	42.27	314
36	23.653		40.02		48.254		39.13	
Mittl. Ort	21.661		52.72		46.948		52.92	
sec δ, tg δ	1.103		+0.464		1.250		+0.750	
a, *a′*	+2.5		−4.1		+2.1		−4.1	
b, *b′*	−0.01		+0.98		−0.01		+0.98	

Tag	644) ϑ Ophiuchi AR.		644) ϑ Ophiuchi Dekl.		645) β Arae AR.		645) β Arae Dekl.	
1935	17h 18m		−24° 56′		17h 19m		−55° 28′	
Jan. 1	0.550	249	14.82	17	52.601	361	15.69	152
11	0.799	281	14.99	27	52.962	415	14.17	128
21	1.080	306	15.26	33	53.377	458	12.89	100
31	1.386	324	15.59	38	53.835	489	11.89	71
Feb. 10	1.710	335	15.97	39	54.324	509	11.18	42
20	2.045	339	16.36	38	54.833	520	10.76	14
März 2	2.384	339	16.74	35	55.353	522	10.62	13
12	2.723	333	17.09	29	55.875	516	10.75	40
22	3.056	325	17.38	24	56.391	503	11.15	64
Apr. 1	3.381	312	17.62	19	56.894	482	11.79	88
11	3.693	296	17.81	14	57.376	457	12.67	109
21	3.989	277	17.95	11	57.833	424	13.76	128
Mai 1	4.266	254	18.06	9	58.257	384	15.04	145
11	4.520	226	18.15	8	58.641	339	16.49	160
21	4.746	196	18.23	8	58.980	286	18.09	171
31	4.942	160	18.31	10	59.266	230	19.80	178
Juni 10	5.102	123	18.41	11	59.496	167	21.58	182
19	5.225	82	18.52	12	59.663	102	23.40	181
29	5.307	39	18.64	14	59.765	33	25.21	174
Juli 9	5.346	3	18.78	14	59.798	34	26.95	162
19	5.343	45	18.92	12	59.764	99	28.57	145
29	5.298	84	19.04	8	59.665	161	30.02	123
Aug. 8	5.214	119	19.12	4	59.504	213	31.25	95
18	5.095	148	19.16	3	59.291	258	32.20	64
28	4.947	167	19.13	10	59.033	288	32.84	29
Sept. 7	4.780	179	19.03	18	58.745	304	33.13	9
17	4.601	180	18.85	27	58.441	305	33.04	46
27	4.421	169	18.58	33	58.136	290	32.58	83
Okt. 7	4.252	148	18.25	39	57.846	256	31.75	117
17	4.104	117	17.86	43	57.590	208	30.58	147
27	3.987	76	17.43	42	57.382	146	29.11	172
Nov. 6	3.911	29	17.01	40	57.236	74	27.39	189
16	3.882	22	16.61	33	57.162	5	25.50	200
26	3.904	76	16.28	25	57.167	88	23.50	201
Dez. 6	3.980	128	16.03	15	57.255	170	21.49	197
16	4.108	177	15.88	2	57.425	247	19.52	185
26	4.285	222	15.86	8	57.672	317	17.67	167
36	4.507		15.94		57.989		16.00	
Mittl. Ort	0.898		11.02		53.469		15.06	
sec δ, tg δ	1.103		−0.465		1.764		−1.453	
a, *a′*	+3.7		−3.7		+5.0		−3.5	
b, *b′*	+0.01		+0.98		+0.02		+0.98	

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Tag	648) δ Arae AR.		648) δ Arae Dekl.		651) α Arae AR.		651) α Arae Dekl.		653) β Draconis AR.		653) β Draconis Dekl.		652) λ Scorpii AR.		652) λ Scorpii Dekl.	
1935	$17^{h}\ 25^{m}$		−60° 37′		$17^{h}\ 26^{m}$		−49° 49′		$17^{h}\ 28^{m}$		+52° 20′		$17^{h}\ 29^{m}$		−37° 3′	
Jan. 1	12.44	39	55.71	182	48.082	317	38.57	128	56.111	201	44.76	340	11.012	267	32.47	60
11	12.83	46	53.89	155	48.399	366	37.29	108	56.312	261	41.36	316	11.279	304	31.87	46
21	13.29	51	52.34	126	48.765	403	36.21	85	56.573	312	38.20	281	11.583	335	31.41	30
31	13.80	55	51.08	95	49.168	432	35.36	60	56.885	353	35.39	235	11.918	357	31.11	17
Feb. 10	14.35	58	50.13	62	49.600	450	34.76	37	57.238	385	33.04	181	12.275	372	30.94	5
20	14.93	59	49.51	30	50.050	461	34.39	15	57.623	406	31.23	120	12.647	379	30.89	6
März 2	15.52	59	49.21	2	50.511	464	34.24	9	58.029	414	30.03	55	13.026	382	30.95	16
12	16.11	59	49.23	32	50.975	459	34.33	29	58.443	412	29.48	11	13.408	378	31.11	23
22	16.70	58	49.55	62	51.434	449	34.62	48	58.855	401	29.59	76	13.786	370	31.34	31
Apr. 1	17.28	55	50.17	90	51.883	434	35.10	68	59.256	379	30.35	137	14.156	358	31.65	38
11	17.83	53	51.07	116	52.317	411	35.78	85	59.635	349	31.72	192	14.514	341	32.03	44
21	18.36	49	52.23	139	52.728	385	36.63	101	59.984	313	33.64	239	14.855	321	32.47	51
Mai 1	18.85	44	53.62	160	53.113	352	37.64	116	60.297	267	36.03	277	15.176	295	32.98	57
11	19.29	39	55.22	177	53.465	314	38.80	128	60.564	219	38.80	306	15.471	266	33.55	64
21	19.68	33	56.99	191	53.779	270	40.08	139	60.783	164	41.86	324	15.737	231	34.19	71
31	20.01	26	58.90	201	54.049	219	41.47	147	60.947	106	45.10	332	15.968	191	34.90	75
Juni 10	20.27	19	60.91	206	54.268	166	42.94	150	61.053	47	48.42	332	16.159	148	35.65	79
19	[13] 20.46	12	62.97	205	[14] 54.434	108	44.44	152	[14] 61.100	13	51.74	321	[14] 16.307	101	36.44	81
29	20.58	3	65.02	199	54.542	47	45.96	147	61.087	73	54.95	303	16.408	53	37.25	80
Juli 9	20.61	4	67.01	186	54.589	13	47.43	139	61.014	130	57.98	277	16.461	3	38.05	76
19	20.57	12	68.87	169	54.576	71	48.82	126	60.884	185	60.75	245	16.464	45	38.81	70
29	20.45	19	70.56	143	54.505	127	50.08	107	60.699	234	63.20	208	16.419	91	39.51	59
Aug. 8	20.26	25	71.99	114	54.378	176	51.15	84	60.465	275	65.28	166	16.328	132	40.10	46
18	20.01	30	73.13	80	54.202	216	51.99	58	60.190	311	66.94	121	16.196	165	40.56	31
28	19.71	34	73.93	41	53.986	246	52.57	29	59.879	335	68.15	72	16.031	191	40.87	12
Sept. 7	19.37	36	74.34	0	53.740	262	52.86	4	59.544	350	68.87	22	15.840	206	40.99	8
17	19.01	36	74.34	43	53.478	265	52.82	36	59.194	351	69.09	28	15.634	208	40.91	28
27	18.65	35	73.91	83	53.213	252	52.46	68	58.843	342	68.81	79	15.426	199	40.63	48
Okt. 7	18.30	31	73.08	123	52.961	225	51.78	99	58.501	320	68.02	129	15.227	177	40.15	66
17	17.99	25	71.85	157	52.736	184	50.79	124	58.181	285	66.73	178	15.050	143	39.49	81
27	17.74	19	70.28	187	52.552	131	49.55	146	57.896	240	64.95	223	14.907	100	38.68	93
Nov. 6	17.55	10	68.41	208	52.421	67	48.09	161	57.656	185	62.72	264	14.807	47	37.75	99
16	17.45	2	66.33	222	52.354	3	46.48	170	57.471	121	60.08	298	14.760	9	36.76	103
26	17.43	8	64.11	227	52.357	75	44.78	173	57.350	53	57.10	325	14.769	69	35.73	100
Dez. 6	17.51	17	61.84	225	52.432	148	43.05	167	57.297	18	53.85	343	14.838	128	34.73	93
16	17.68	26	59.59	214	52.580	216	41.38	157	57.315	90	50.42	351	14.966	184	33.80	83
26	17.94	35	57.45	197	52.796	278	39.81	142	57.405	159	46.91	347	15.150	234	32.97	70
36	18.29		55.48		53.074		38.39		57.564		43.44		15.384		32.27	
Mittl. Ort	13.56		55.24		48.773		37.13		57.788		55.56		11.470		29.75	
sec δ, tg δ	2.039		−1.777		1.550		−1.184		1.637		+1.296		1.253		−0.755	
a, *a′*	+5.4		−3.0		+4.6		−2.9		+1.4		−2.7		+4.1		−2.7	
b, *b′*	+0.02		+0.99		+0.01		+0.99		−0.01		+0.99		+0.01		+0.99	

Tag	656) α Ophiuchi AR.	Δ	Dekl.	Δ	654) ϑ Scorpii AR.	Δ	Dekl.	Δ	658) ξ Serpentis AR.	Δ	Dekl.	Δ	664) ω Draconis AR.	Δ	Dekl.	Δ
1935	$17^h 31^m$		+12° 36′		$17^h 32^m$		−42° 57′		$17^h 33^m$		−15° 21′		$17^h 37^m$		+68° 46′	
Jan. 1	54.456	195	13.47	216	38.115	281	33.31	96	51.422	218	38.55	65	16.08	22	67.03	349
11	54.651	228	11.31	206	38.396	324	32.35	79	51.640	251	39.20	67	16.30	33	63.54	326
21	54.879	255	9.25	187	38.720	357	31.56	60	51.891	276	39.87	67	16.63	42	60.28	291
31	55.134	276	7.38	161	39.077	383	30.96	43	52.167	296	40.54	63	17.05	51	57.37	244
Feb. 10	55.410	289	5.77	129	39.460	400	30.53	26	52.463	307	41.17	55	17.56	57	54.93	189
20	55.699	297	4.48	91	39.860	409	30.27	9	52.770	315	41.72	43	18.13	62	53.04	127
März 2	55.996	301	3.57	50	40.269	413	30.18	7	53.085	316	42.15	30	18.75	64	51.77	61
12	56.297	297	3.07	7	40.682	410	30.25	20	53.401	314	42.45	15	19.39	64	51.16	7
22	56.594	292	3.00	35	41.092	402	30.45	34	53.715	308	42.60	1	20.03	63	51.23	75
Apr. 1	56.886	281	3.35	75	41.494	389	30.79	46	54.023	299	42.59	15	20.66	59	51.98	137
11	57.167	266	4.10	111	41.883	372	31.25	58	54.322	286	42.44	28	21.25	54	53.35	195
21	57.433	248	5.21	142	42.255	349	31.83	70	54.608	270	42.16	38	21.79	48	55.30	245
Mai 1	57.681	227	6.63	166	42.604	322	32.53	81	54.878	248	41.78	46	22.27	39	57.75	284
11	57.908	200	8.29	185	42.926	289	33.34	91	55.126	225	41.32	51	22.66	31	60.59	315
21	58.108	171	10.14	197	43.215	251	34.25	99	55.351	197	40.81	53	22.97	21	63.74	335
31	58.279	139	12.11	203	43.466	208	35.24	107	55.548	164	40.28	52	23.18	11	67.09	345
Juni 10	58.418	103	14.14	201	43.674	162	36.31	111	55.712	129	39.76	51	23.29	0	70.54	345
19	[15] 58.521	64	16.15	195	[15] 43.836	110	37.42	114	[16] 55.841	90	39.25	46	[17] 23.29	10	73.99	336
29	58.585	26	18.10	185	43.946	56	38.56	111	55.931	50	38.79	42	23.19	19	77.35	318
Juli 9	58.611	13	19.95	168	44.002	3	39.67	107	55.981	9	38.37	36	23.00	30	80.53	293
19	58.598	52	21.63	150	44.005	50	40.74	97	55.990	32	38.01	31	22.70	38	83.46	260
29	58.546	88	23.13	129	43.955	101	41.71	85	55.958	70	37.70	27	22.32	46	86.06	222
Aug. 8	58.458	120	24.42	104	43.854	145	42.56	67	55.888	104	37.43	23	21.86	52	88.28	180
18	58.338	147	25.46	79	43.709	182	43.23	47	55.784	134	37.20	20	21.34	58	90.08	133
28	58.191	167	26.25	53	43.527	210	43.70	23	55.650	155	37.00	18	20.76	62	91.41	83
Sept. 7	58.024	179	26.78	24	43.317	226	43.93	2	55.495	169	36.82	16	20.14	64	92.24	32
17	57.845	182	27.02	3	43.091	230	43.91	28	55.326	172	36.66	14	19.50	65	92.56	20
27	57.663	175	26.99	32	42.861	221	43.63	54	55.154	164	36.52	11	18.85	63	92.36	74
Okt. 7	57.488	159	26.67	61	42.640	198	43.09	78	54.990	148	36.41	8	18.22	61	91.62	125
17	57.329	133	26.06	89	42.442	162	42.31	99	54.842	121	36.33	4	17.61	55	90.37	176
27	57.196	100	25.17	117	42.280	115	41.32	116	54.721	85	36.29	2	17.06	49	88.61	223
Nov. 6	57.096	59	24.00	144	42.165	59	40.16	127	54.636	42	36.31	11	16.57	41	86.38	265
16	57.037	15	22.56	168	42.106	1	38.89	134	54.594	5	36.42	20	16.16	31	83.73	302
26	57.022	33	20.88	189	42.107	66	37.55	134	54.599	54	36.62	30	15.85	21	80.71	331
Dez. 6	57.055	81	18.99	204	42.173	131	36.21	129	54.653	103	36.92	41	15.64	8	77.40	350
16	57.136	126	16.95	213	42.304	191	34.92	121	54.756	149	37.33	51	15.56	3	73.90	359
26	57.262	169	14.82	217	42.495	246	33.71	106	54.905	192	37.84	60	15.59	14	70.31	355
36	57.431		12.65		42.741		32.65		55.097		38.44		15.73		66.76	
Mittl. Ort	54.965		21.23		38.661		31.04		51.773		33.58		19.74		77.44	
sec δ, tg δ	1.025		+0.224		1.366		−0.931		1.037		−0.275		2.764		+2.577	
a, *a′*	+2.8		−2.4		+4.3		−2.4		+3.4		−2.3		−0.4		−2.0	
b, *b′*	0.00		+0.99		+0.01		+0.99		0.00		+0.99		−0.02		+1.00	

Tag	663) ι Herculis				661) η Pavonis				665) β Ophiuchi				670) ψ Draconis			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1935	17ʰ 37ᵐ		+46° 1′		17ʰ 39ᵐ		−64° 41′		17ʰ 40ᵐ		+4° 35′		17ʰ 42ᵐ		+72° 10′	
Jan. 1	36.387	184	73.97	330	19.47	41	43.95	212	15.189	192	27.71	173	60.81	21	42.72	351
11	36.571	237	70.67	310	19.88	49	41.83	188	15.381	226	25.98	166	61.02	35	39.21	328
21	36.808	281	67.57	278	20.37	55	39.95	158	15.607	251	24.32	154	61.37	47	35.93	294
31	37.089	319	64.79	235	20.92	60	38.37	127	15.858	271	22.78	133	61.84	57	32.99	250
Feb. 10	37.408	346	62.44	184	21.52	64	37.10	93	16.129	286	21.45	109	62.41	64	30.49	196
20	37.754	364	60.60	126	22.16	66	36.17	58	16.415	294	20.36	77	63.05	71	28.53	134
März 2	38.118	374	59.34	64	22.82	68	35.59	24	16.709	298	19.59	44	63.76	74	27.19	69
12	38.492	373	58.70	1	23.50	67	35.35	11	17.007	297	19.15	9	64.50	75	26.50	0
22	38.865	366	58.71	64	24.17	66	35.46	44	17.304	291	19.06	27	65.25	74	26.50	66
Apr. 1	39.231	350	59.35	123	24.83	64	35.90	76	17.595	283	19.33	60	65.99	69	27.16	129
11	39.581	326	60.58	178	25.47	61	36.66	105	17.878	271	19.93	90	66.68	63	28.45	188
21	39.907	296	62.36	225	26.08	57	37.71	134	18.149	255	20.83	116	67.31	56	30.33	237
Mai 1	40.203	260	64.61	264	26.65	52	39.05	158	18.404	234	21.99	137	67.87	46	32.70	278
11	40.463	218	67.25	292	27.17	46	40.63	180	18.638	211	23.36	152	68.33	36	35.48	310
21	40.681	172	70.17	312	27.63	39	42.43	198	18.849	183	24.88	162	68.69	24	38.58	332
31	40.853	124	73.29	322	28.02	32	44.41	211	19.032	152	26.50	165	68.93	12	41.90	342
Juni 10	40.977	71	76.51	323	28.34	24	46.52	220	19.184	117	28.15	165	69.05	0	45.32	344
19	[17] 41.048	18	79.74	314	[17] 28.58	15	48.72	222	[17] 19.301	80	29.80	160	[18] 69.05	12	48.76	336
29	41.066	36	82.88	299	28.73	5	50.94	218	19.381	41	31.40	150	68.93	24	52.12	319
Juli 9	41.030	88	85.87	275	28.78	3	53.12	207	19.422	1	32.90	137	68.69	35	55.31	294
19	40.942	137	88.62	245	28.75	12	55.19	191	19.423	37	34.27	123	68.34	46	58.25	264
29	40.805	184	91.07	211	28.63	21	57.10	167	19.386	74	35.50	106	67.88	55	60.89	226
Aug. 8	40.621	224	93.18	170	28.42	28	58.77	138	19.312	107	36.56	86	67.33	63	63.15	184
18	40.397	257	94.88	129	28.14	34	60.15	101	19.205	136	37.42	68	66.70	69	64.99	139
28	40.140	281	96.17	82	27.80	39	61.16	62	19.069	156	38.10	47	66.01	74	66.38	90
Sept. 7	39.859	297	96.99	34	27.41	42	61.78	18	18.913	170	38.57	27	65.27	77	67.28	38
17	39.562	300	97.33	14	26.99	42	61.96	27	18.743	174	38.84	5	64.50	78	67.66	14
27	39.262	294	97.19	63	26.57	41	61.69	72	18.569	169	38.89	16	63.72	77	67.52	66
Okt. 7	38.968	275	96.56	113	26.16	38	60.97	115	18.400	153	38.73	39	62.95	74	66.86	118
17	38.693	245	95.43	159	25.78	32	59.82	156	18.247	129	38.34	61	62.21	68	65.68	169
27	38.448	205	93.84	204	25.46	25	58.26	189	18.118	97	37.73	83	61.53	61	63.99	217
Nov. 6	38.243	157	91.80	245	25.21	16	56.37	216	18.021	57	36.90	104	60.92	51	61.82	259
16	38.086	101	89.35	280	25.05	6	54.21	236	17.964	13	35.86	125	60.41	40	59.23	297
26	37.985	40	86.55	307	24.99	5	51.85	245	17.951	33	34.61	143	60.01	28	56.26	327
Dez. 6	37.945	23	83.48	328	25.04	15	49.40	248	17.984	80	33.18	157	59.73	15	52.99	347
16	37.968	86	80.20	337	25.19	26	46.92	240	18.064	125	31.61	168	59.58	0	49.52	358
26	38.054	148	76.83	336	25.45	35	44.52	226	18.189	166	29.93	171	59.58	13	45.94	356
36	38.202		73.47		25.80		42.26		18.355		28.22		59.71		42.38	
Mittl. Ort	37.751		83.72		20.87		43.01		15.634		34.45		65.38		52.54	
sec δ, tg δ	1.441		+1.037		2.340		−2.115		1.003		+0.080		3.268		+3.111	
a, *a′*	+1.7		−2.0		+5.9		−1.8		+3.0		−1.7		−1.1		−1.5	
b, *b′*	−0.01		+1.00		+0.01		+1.00		0.00		+1.00		−0.02		+1.00	

Tag	667) μ Herculis				675) 35 Draconis				671) ξ Draconis				672) ϑ Herculis			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1935	$17^h 43^m$		$+27° 45'$		$17^h 52^m$		$+76° 57'$		$17^h 52^m$		$+56° 52'$		$17^h 54^m$		$+37° 15'$	
Jan. 1	54.010	176	18.70	280	14.67	21	72.78	346	22.150	167	47.54	347	0.331	163	21.08	308
11	54.186	215	15.90	264	14.88	40	69.32	327	22.317	238	44.07	329	0.494	209	18.00	293
21	54.401	248	13.26	241	15.28	56	66.05	295	22.555	301	40.78	298	0.703	249	15.07	267
31	54.649	275	10.85	206	15.84	71	63.10	253	22.856	355	37.80	256	0.952	281	12.40	230
Feb. 10	54.924	294	8.79	165	16.55	83	60.57	202	23.211	397	35.24	203	1.233	306	10.10	184
20	55.218	307	7.14	116	17.38	91	58.55	142	23.608	428	33.21	144	1.539	324	8.26	131
März 2	55.525	314	5.98	64	18.29	97	57.13	77	24.036	446	31.77	80	1.863	335	6.95	74
12	55.839	314	5.34	10	19.26	99	56.36	11	24.482	453	30.97	13	2.198	338	6.21	14
22	56.153	309	5.24	45	20.25	98	56.25	56	24.935	447	30.84	54	2.536	334	6.07	46
Apr. 1	56.462	299	5.69	96	21.23	93	56.81	119	25.382	430	31.38	117	2.870	325	6.53	103
11	56.761	283	6.65	142	22.16	85	58.00	177	25.812	402	32.55	176	3.195	308	7.56	155
21	57.044	263	8.07	183	23.01	75	59.77	228	26.214	364	34.31	227	3.503	286	9.11	201
Mai 1	57.307	239	9.90	217	23.76	62	62.05	271	26.578	318	36.58	270	3.789	258	11.12	240
11	57.546	209	12.07	241	24.38	48	64.76	304	26.896	265	39.28	302	4.047	226	13.52	269
21	57.755	176	14.48	259	24.86	33	67.80	326	27.161	206	42.30	327	4.273	188	16.21	290
31	57.931	140	17.07	267	25.19	16	71.06	340	27.367	142	45.57	339	4.461	147	19.11	301
Juni 10	58.071	100	19.74	269	25.35	1	74.46	344	27.509	76	48.96	344	4.608	102	22.12	305
19*)	[18] 58.171	58	22.43	263	25.34	17	77.90	337	27.585	6	52.40	338	4.710	56	25.17	300
29	58.229	14	25.06	249	[20] 25.17	33	81.27	323	[20] 27.591	62	55.78	323	[21] 4.766	7	28.17	287
Juli 9	58.243	28	27.55	230	24.84	49	84.50	300	27.529	128	59.01	301	4.773	40	31.04	267
19	58.215	71	29.85	207	24.35	63	87.50	271	27.401	191	62.02	272	4.733	87	33.71	242
29	58.144	110	31.92	178	23.72	76	90.21	236	27.210	249	64.74	237	4.646	130	36.13	210
Aug. 8	58.034	144	33.70	146	22.96	86	92.57	196	26.961	300	67.11	197	4.516	169	38.23	176
18	57.890	175	35.16	112	22.10	96	94.53	151	26.661	342	69.08	153	4.347	202	39.99	137
28	57.715	197	36.28	74	21.14	102	96.04	104	26.319	376	70.61	105	4.145	228	41.36	95
Sept. 7	57.518	211	37.02	36	20.12	107	97.08	54	25.943	396	71.66	56	3.917	244	42.31	52
17	57.307	216	37.38	3	19.05	108	97.62	2	25.547	404	72.22	3	3.673	251	42.83	7
27	57.091	211	37.35	43	17.97	107	97.64	50	25.143	400	72.25	49	3.422	248	42.90	39
Okt. 7	56.880	197	36.92	83	16.90	104	97.14	102	24.743	382	71.76	101	3.174	234	42.51	84
17	56.683	171	36.09	123	15.86	97	96.12	152	24.361	350	70.75	151	2.940	209	41.67	128
27	56.512	138	34.86	160	14.89	88	94.60	200	24.011	307	69.24	200	2.731	176	40.39	172
Nov. 6	56.374	98	33.26	194	14.01	76	92.60	245	23.704	250	67.24	244	2.555	134	38.67	210
16	56.276	51	31.32	226	13.25	62	90.15	282	23.454	186	64.80	283	2.421	85	36.57	246
26	56.225	1	29.06	250	12.63	46	87.33	314	23.268	114	61.97	315	2.336	32	34.11	275
Dez. 6	56.224	49	26.56	271	12.17	28	84.19	337	23.154	37	58.82	338	2.304	22	31.36	297
16	56.273	100	23.85	280	11.89	10	80.82	350	23.117	42	55.44	351	2.326	78	28.39	309
26	56.373	147	21.05	282	11.79	10	77.32	350	23.159	120	51.93	351	2.404	130	25.30	311
36	56.520		18.23		11.89		73.82		23.279		48.42		2.534		22.19	
Mittl. Ort	54.793		26.98		21.35		81.58		24.274		56.26		1.396		29.11	
sec δ, tg δ	1.130		+0.526		4.436		+4.322		1.830		+1.533		1.256		+0.761	
a, *a'*	+2.4		−1.4		−2.7		−0.7		+1.0		−0.7		+2.1		−0.5	
b, *b'*	0.00		+1.00		−0.01		+1.00		0.00		+1.00		0.00		+1.00	

*) Bei Stern 675), 671) und 672) lies Juni 20

Tag	676) γ Draconis AR.	Δ	Dekl.	Δ	673) ν Ophiuchi AR.	Δ	Dekl.	Δ	677) 67 Ophiuchi AR.	Δ	Dekl.	Δ	679) γ Sagittarii AR.	Δ	Dekl.	Δ
1935	$17^h 55^m$		+51° 29′		$17^h 55^m$		−9° 46′		$17^h 57^m$		+2° 55′		$18^h 1^m$		−30° 25′	
Jan. 1	4.041	162	36.51	341	26.447	192	7.24	88	22.886	178	53.36	159	37.448	216	40.41	40
11	4.203	221	33.10	323	26.639	225	8.12	88	23.064	211	51.77	155	37.664	254	40.01	32
21	4.424	277	29.87	294	26.864	252	9.00	83	23.275	240	50.22	143	37.918	285	39.69	25
31	4.701	322	26.93	253	27.116	274	9.83	75	23.515	261	48.79	125	38.203	310	39.44	19
Feb. 10	5.023	358	24.40	202	27.390	289	10.58	61	23.776	278	47.54	101	38.513	329	39.25	15
20	5.381	386	22.38	145	27.679	300	11.19	44	24.054	288	46.53	73	38.842	341	39.10	11
März 2	5.767	401	20.93	82	27.979	304	11.63	25	24.342	295	45.80	41	39.183	349	38.99	10
12	6.168	406	20.11	16	28.283	306	11.88	4	24.637	297	45.39	8	39.532	351	38.89	9
22	6.574	403	19.95	50	28.589	304	11.92	17	24.934	295	45.31	27	39.883	349	38.80	8
Apr. 1	6.977	389	20.45	112	28.893	298	11.75	37	25.229	289	45.58	58	40.232	344	38.72	6
11	7.366	365	21.57	169	29.191	288	11.38	55	25.518	279	46.16	87	40.576	333	38.66	5
21	7.731	336	23.26	220	29.479	274	10.83	69	25.797	265	47.03	113	40.909	320	38.61	1
Mai 1	8.067	296	25.46	263	29.753	257	10.14	81	26.062	247	48.16	133	41.229	300	38.60	2
11	8.363	251	28.09	296	30.010	235	9.33	88	26.309	225	49.49	148	41.529	276	38.62	9
21	8.614	201	31.05	319	30.245	208	8.45	93	26.534	199	50.97	157	41.805	246	38.71	15
31	8.815	145	34.24	332	30.453	178	7.52	92	26.733	168	52.54	162	42.051	213	38.86	22
Juni 10	8.960	88	37.56	337	30.631	143	6.60	90	26.901	134	54.16	161	42.264	173	39.08	28
20	[21] 9.048	28	40.93	332	[21] 30.774	106	5.70	85	[22] 27.035	97	55.77	156	[23] 42.437	130	39.36	36
29	9.076	33	44.25	318	30.880	66	4.85	77	27.132	58	57.33	147	42.567	84	39.72	40
Juli 9	9.043	93	47.43	297	30.946	24	4.08	69	27.190	17	58.80	135	42.651	37	40.12	43
19	8.950	149	50.40	269	30.970	16	3.39	60	27.207	23	60.15	121	42.688	11	40.55	44
29	8.801	202	53.09	234	30.954	56	2.79	50	27.184	62	61.36	104	42.677	57	40.99	42
Aug. 8	8.599	248	55.43	196	30.898	92	2.29	42	27.122	96	62.40	86	42.620	99	41.41	38
18	8.351	287	57.39	153	30.806	124	1.87	33	27.026	127	63.26	68	42.521	135	41.79	30
28	8.064	318	58.92	107	30.682	147	1.54	24	26.899	151	63.94	49	42.386	165	42.09	21
Sept. 7	7.746	337	59.99	58	30.535	164	1.30	16	26.748	166	64.43	30	42.221	184	42.30	8
17	7.409	345	60.57	7	30.371	170	1.14	9	26.582	173	64.73	10	42.037	193	42.38	5
27	7.064	343	60.64	44	30.201	167	1.05	2	26.409	171	64.83	11	41.844	191	42.33	18
Okt. 7	6.721	326	60.20	94	30.034	154	1.03	7	26.238	158	64.72	31	41.653	177	42.15	32
17	6.395	297	59.26	145	29.880	131	1.10	16	26.080	136	64.41	51	41.476	151	41.83	43
27	6.098	259	57.81	192	29.749	100	1.26	26	25.944	106	63.90	72	41.325	115	41.40	52
Nov. 6	5.839	208	55.89	236	29.649	60	1.52	37	25.838	68	63.18	92	41.210	72	40.88	59
16	5.631	151	53.53	274	29.589	16	1.89	47	25.770	26	62.26	112	41.138	22	40.29	62
26	5.480	86	50.79	306	29.573	31	2.36	60	25.744	20	61.14	128	41.116	31	39.67	62
Dez. 6	5.394	19	47.73	330	29.604	77	2.96	69	25.764	65	59.86	143	41.147	85	39.05	58
16	5.375	52	44.43	343	29.681	123	3.65	78	25.829	110	58.43	153	41.232	136	38.47	53
26	5.427	118	41.00	344	29.804	165	4.43	85	25.939	151	56.90	158	41.368	185	37.94	46
36	5.545		37.56		29.969		5.28		26.090		55.32		41.553		37.48	
Mittl. Ort	5.769		44.87		26.830		1.92		23.339		59.46		37.866		36.40	
sec δ, tg δ	1.606		+1.257		1.015		−0.172		1.001		+0.051		1.160		−0.587	
a, *a*′	+1.4		−0.4		+3.3		−0.4		+3.0		−0.2		+3.9		+0.1	
b, *b*′	0.00		+1.00		0.00		+1.00		0.00		+1.00		0.00		+1.00	

Tag	680) 72 Ophiuchi AR.		680) Dekl.		681) o Herculis AR.		681) Dekl.		682) μ Sagittarii AR.		682) Dekl.		688) η Serpentis AR.		688) Dekl.	
1935	18h 4m		+9° 32′		18h 4m		+28° 44′		18h 9m		−21° 4′		18h 17m		−2° 54′	
	s		″		s		″		s		″		s		″	
Jan. 1	15.522	166	65.24	192	59.542	154	61.20	279	52.142	192	44.03	13	56.319	162	67.33	121
11	15.688	201	63.32	186	59.696	196	58.41	267	52.334	228	44.16	16	56.481	197	68.54	119
21	15.889	231	61.46	171	59.892	230	55.74	245	52.562	257	44.32	18	56.678	227	69.73	110
31	16.120	254	59.75	149	60.122	261	53.29	213	52.819	282	44.50	17	56.905	250	70.83	98
Feb. 10	16.374	272	58.26	121	60.383	283	51.16	172	53.101	299	44.67	12	57.155	268	71.81	78
20	16.646	285	57.05	87	60.666	300	49.44	126	53.400	313	44.79	6	57.423	283	72.59	56
März 2	16.931	293	56.18	50	60.966	311	48.18	74	53.713	320	44.85	1	57.706	291	73.15	30
12	17.224	296	55.68	10	61.277	316	47.44	19	54.033	324	44.84	10	57.997	296	73.45	2
22	17.520	295	55.58	30	61.593	314	47.25	36	54.357	324	44.74	20	58.293	298	73.47	26
Apr. 1	17.815	290	55.88	68	61.907	308	47.61	88	54.681	320	44.54	28	58.591	295	73.21	53
11	18.105	281	56.56	103	62.215	297	48.49	137	55.001	312	44.26	35	58.886	289	72.68	77
21	18.386	267	57.59	133	62.512	279	49.86	180	55.313	300	43.91	40	59.175	278	71.91	98
Mai 1	18.653	249	58.92	159	62.791	257	51.66	216	55.613	283	43.51	42	59.453	263	70.93	114
11	18.902	227	60.51	177	63.048	229	53.82	244	55.896	262	43.09	42	59.716	243	69.79	126
21	19.129	201	62.28	190	63.277	197	56.26	264	56.158	236	42.67	40	59.959	218	68.53	134
31	19.330	169	64.18	196	63.474	161	58.90	276	56.394	205	42.27	36	60.177	190	67.19	135
Juni 10	19.499	135	66.14	198	63.635	122	61.66	280	56.599	168	41.91	30	60.367	156	65.84	135
20	19.634	97	68.12	192	[24] 63.757	79	64.46	276	[25] 56.767	130	41.61	23	[27] 60.523	120	64.49	129
29	[23] 19.731	57	70.04	183	63.836	34	67.22	265	56.897	86	41.38	16	60.643	79	63.20	120
Juli 9	19.788	17	71.87	169	63.870	10	69.87	247	56.983	43	41.22	10	60.722	39	62.00	109
19	19.805	24	73.56	153	63.860	54	72.34	226	57.026	2	41.12	4	60.761	4	60.91	96
29	19.781	63	75.09	133	63.806	96	74.60	198	57.024	46	41.08	0	60.757	44	59.95	83
Aug. 8	19.718	99	76.42	111	63.710	134	76.58	167	56.978	85	41.08	3	60.713	81	59.12	68
18	19.619	131	77.53	88	63.576	166	78.25	133	56.893	121	41.11	3	60.632	114	58.44	54
28	19.488	154	78.41	64	63.410	192	79.58	95	56.772	148	41.14	3	60.518	142	57.90	38
Sept. 7	19.334	171	79.05	39	63.218	210	80.53	58	56.624	168	41.17	1	60.376	160	57.52	24
17	19.163	179	79.44	13	63.008	219	81.11	17	56.456	177	41.16	4	60.216	170	57.28	10
27	18.984	178	79.57	13	62.789	217	81.28	23	56.279	177	41.12	7	60.046	171	57.18	5
Okt. 7	18.806	166	79.44	39	62.572	205	81.05	64	56.102	165	41.05	11	59.875	162	57.23	20
17	18.640	146	79.05	65	62.367	184	80.41	105	55.937	143	40.94	15	59.713	142	57.43	34
27	18.494	116	78.40	92	62.183	154	79.36	143	55.794	112	40.79	15	59.571	115	57.77	50
Nov. 6	18.378	80	77.48	116	62.029	116	77.93	180	55.682	72	40.64	15	59.456	80	58.27	64
16	18.298	38	76.32	139	61.913	72	76.13	213	55.610	26	40.49	13	59.376	39	58.91	80
26	18.260	6	74.93	159	61.841	23	74.00	240	55.584	21	40.36	9	59.337	5	59.71	93
Dez. 6	18.266	52	73.34	176	61.818	26	71.60	262	55.605	71	40.27	3	59.342	50	60.64	106
16	18.318	97	71.58	186	61.844	76	68.98	276	55.676	119	40.24	3	59.392	94	61.70	114
26	18.415	140	69.72	192	61.920	124	66.22	280	55.795	163	40.27	9	59.486	136	62.84	119
36	18.555		67.80		62.044		63.42		55.958		40.36		59.622		64.03	
Mittl. Ort	16.046		71.45		60.390		68.13		52.524		39.41		56.746		62.04	
sec δ, tg δ	1.014		+0.168		1.141		+0.549		1.072		−0.385		1.001		−0.051	
a, *a′*	+2.8		+0.4		+2.3		+0.4		+3.6		+0.9		+3.1		+1.6	
b, *b′*	0.00		+1.00		0.00		+1.00		0.00		+1.00		0.00		+1.00	

Tag	689) ε Sagittarii AR.		Dekl.		690) 109 Herculis AR.		Dekl.		691) α Telescopii AR.		Dekl.		695) χ Draconis AR.		Dekl.	
1935	18h 19m		−34° 25′		18h 20m		+21° 44′		18h 22m		−46° 0′		18h 22m		+72° 41′	
Jan. 1	50.998	202	5.98	74	54.938	141	13.68	248	8.626	227	25.97	144	8.81	10	72.82	352
11	51.200	245	5.24	66	55.079	181	11.20	240	8.853	278	24.53	134	8.91	24	69.30	341
21	51.445	279	4.58	60	55.260	215	8.80	221	9.131	320	23.19	121	9.15	37	65.89	317
31	51.724	308	3.98	52	55.475	244	6.59	195	9.451	355	21.98	107	9.52	49	62.72	281
Feb. 10	52.032	330	3.46	46	55.719	265	4.64	160	9.806	383	20.91	92	10.01	59	59.91	235
20	52.362	346	3.00	40	55.984	284	3.04	119	10.189	403	19.99	75	10.60	68	57.56	179
März 2	52.708	357	2.60	35	56.268	296	1.85	72	10.592	418	19.24	60	11.28	73	55.77	117
12	53.065	364	2.25	30	56.564	303	1.13	23	11.010	425	18.64	43	12.01	76	54.60	51
22	53.429	365	1.95	25	56.867	305	0.90	27	11.435	425	18.21	25	12.77	77	54.09	16
Apr. 1	53.794	362	1.70	19	57.172	302	1.17	75	11.860	426	17.96	9	13.54	76	54.25	81
11	54.156	354	1.51	13	57.474	294	1.92	120	12.286	416	17.87	8	14.30	71	55.06	144
21	54.510	343	1.38	5	57.768	281	3.12	160	12.702	400	17.95	27	15.01	65	56.50	199
Mai 1	54.853	325	1.33	3	58.049	263	4.72	193	13.102	380	18.22	44	15.66	57	58.49	248
11	55.178	302	1.36	13	58.312	240	6.65	220	13.482	351	18.66	61	16.23	47	60.97	287
21	55.480	273	1.49	23	58.552	211	8.85	240	13.833	317	19.27	78	16.70	36	63.84	317
31	55.753	238	1.72	34	58.763	180	11.25	250	14.150	275	20.05	94	17.06	25	67.01	337
Juni 10	55.991	199	2.06	43	58.943	142	13.75	256	14.425	229	20.99	107	17.31	12	70.38	349
20	(27) 56.190	154	2.49	53	(28) 59.085	103	16.31	253	(28) 14.654	176	22.06	117	(28) 17.43	0	73.87	349
29	56.344	106	3.02	60	59.188	60	18.84	243	14.830	119	23.23	124	17.43	13	77.36	341
Juli 9	56.450	56	3.62	64	59.248	17	21.27	229	14.949	60	24.47	127	17.30	26	80.77	326
19	56.506	5	4.26	66	59.265	27	23.56	209	15.009	0	25.74	124	17.04	37	84.03	301
29	56.511	45	4.92	65	59.238	68	25.65	186	15.009	59	26.98	119	16.67	48	87.04	272
Aug. 8	56.466	90	5.57	60	59.170	106	27.51	158	14.950	112	28.17	106	16.19	57	89.76	235
18	56.376	131	6.17	51	59.064	140	29.09	128	14.838	162	29.23	90	15.62	65	92.11	195
28	56.245	165	6.68	39	58.924	168	30.37	96	14.676	200	30.13	68	14.97	72	94.06	149
Sept. 7	56.080	189	7.07	25	58.756	187	31.33	62	14.476	229	30.81	44	14.25	77	95.55	100
17	55.891	202	7.32	8	58.569	197	31.95	26	14.247	245	31.25	16	13.48	80	96.55	49
27	55.689	202	7.40	9	58.372	199	32.21	8	14.002	247	31.41	13	12.68	80	97.04	3
Okt. 7	55.487	192	7.31	28	58.173	191	32.13	46	13.755	235	31.28	42	11.88	78	97.01	57
17	55.295	169	7.03	44	57.982	172	31.67	81	13.520	208	30.86	71	11.10	75	96.44	111
27	55.126	136	6.59	59	57.810	145	30.86	116	13.312	170	30.15	96	10.35	69	95.33	161
Nov. 6	54.990	91	6.00	70	57.665	109	29.70	149	13.142	121	29.19	118	9.66	61	93.72	211
16	54.899	43	5.30	80	57.556	70	28.21	180	13.021	63	28.01	135	9.05	52	91.61	255
26	54.856	11	4.50	83	57.486	25	26.41	205	12.958	0	26.66	147	8.53	39	89.06	292
Dez. 6	54.867	66	3.67	85	57.461	22	24.36	227	12.958	64	25.19	152	8.14	27	86.14	323
16	54.933	119	2.82	84	57.483	69	22.09	241	13.022	128	23.67	154	7.87	13	82.91	343
26	55.052	170	1.98	78	57.552	113	19.68	248	13.150	188	22.13	149	7.74	1	79.48	351
36	55.222		1.20		57.665		17.20		13.338		20.64		7.75		75.97	
Mittl. Ort	51.447		1.78		55.657		19.41		9.236		22.11		13.82		78.35	
sec δ, tg δ	1.212		−0.685		1.077		+0.399		1.440		−1.036		3.364		+3.212	
a, a′	+4.0		+1.7		+2.5		+1.8		+4.5		+1.9		−1.2		+1.9	
b, b′	0.00		+1.00		0.00		+1.00		−0.01		+1.00		+0.02		+1.00	

Tag	694) *b* Draconis AR.		694) *b* Draconis Dekl.		699) α Lyrae AR.		699) α Lyrae Dekl.		698) ζ Pavonis AR.		698) ζ Pavonis Dekl.		703) 110 Herculis AR.		703) 110 Herculis Dekl.	
1935	$18^h\,22^m$		$+58°\,45'$		$18^h\,34^m$		$+38°\,42'$		$18^h\,35^m$		$-71°\,29'$		$18^h\,42^m$		$+20°\,28'$	
	s		″		s		″		s		″		s		″	
Jan. 1	55.292	113	39.46	348	43.064	114	74.83	307	24.83	36	17.57	279	51.112	120	53.55	236
11	55.405	190	35.98	337	43.178	163	71.76	299	25.19	48	14.78	265	51.232	160	51.19	232
21	55.595	261	32.61	314	43.341	207	68.77	279	25.67	58	12.13	245	51.392	194	48.87	216
31	55.856	324	29.47	277	43.548	247	65.98	248	26.25	66	9.68	219	51.586	224	46.71	193
Feb. 10	56.180	378	26.70	230	43.795	278	63.50	208	26.91	74	7.49	188	51.810	250	44.78	160
20	56.558	420	24.40	175	44.073	306	61.42	159	27.65	80	5.61	155	52.060	270	43.18	122
März 2	56.978	449	22.65	114	44.379	324	59.83	104	28.45	84	4.06	118	52.330	286	41.96	77
12	57.427	467	21.51	47	44.703	337	58.79	45	29.29	87	2.88	81	52.616	296	41.19	30
22	57.894	472	21.04	20	45.040	342	58.34	16	30.16	88	2.07	43	52.912	302	40.89	19
Apr. 1	58.366	463	21.24	85	45.382	341	58.50	74	31.04	87	1.64	3	53.214	304	41.08	66
11	58.829	443	22.09	146	45.723	333	59.24	130	31.91	85	1.61	34	53.518	299	41.74	111
21	59.272	411	23.55	202	46.056	317	60.54	181	32.76	82	1.95	73	53.817	290	42.85	152
Mai 1	59.683	370	25.57	250	46.373	296	62.35	225	33.58	77	2.68	108	54.107	275	44.37	185
11	60.053	319	28.07	288	46.669	267	64.60	260	34.35	71	3.76	141	54.382	255	46.22	214
21	60.372	260	30.95	319	46.936	232	67.20	287	35.06	63	5.17	172	54.637	230	48.36	235
31	60.632	195	34.14	338	47.168	194	70.07	306	35.69	54	6.89	197	54.867	199	50.71	247
Juni 10	60.827	126	37.52	349	47.362	149	73.13	316	36.23	44	8.86	219	55.066	164	53.18	254
20	60.953	53	41.01	350	47.511	101	76.29	317	36.67	32	11.05	234	55.230	125	55.72	253
29*)	[23] 61.006	20	44.51	341	47.612	52	79.46	310	36.99	20	13.39	243	55.355	82	58.25	246
Juli 9	60.986	92	47.92	324	[1] 47.664	1	82.56	296	[1] 37.19	8	15.82	244	[3] 55.437	39	60.71	233
19	60.894	163	51.16	301	47.665	49	85.52	274	37.27	5	18.26	238	55.476	5	63.04	215
29	60.731	229	54.17	271	47.616	98	88.26	248	37.22	18	20.64	223	55.471	49	65.19	192
Aug. 8	60.502	287	56.88	234	47.518	143	90.74	216	37.04	29	22.87	201	55.422	88	67.11	167
18	60.215	339	59.22	193	47.375	182	92.90	180	36.75	39	24.88	171	55.334	125	68.78	138
28	59.876	380	61.15	148	47.193	214	94.70	140	36.36	48	26.59	134	55.209	154	70.16	108
Sept. 7	59.496	409	62.63	99	46.979	238	96.10	98	35.88	54	27.93	91	55.055	178	71.24	75
17	59.087	427	63.62	48	46.741	252	97.08	53	35.34	59	28.84	43	54.877	191	71.99	41
27	58.660	430	64.10	5	46.489	257	97.61	6	34.75	60	29.27	7	54.686	196	72.40	6
Okt. 7	58.230	420	64.05	57	46.232	250	97.67	40	34.15	58	29.20	58	54.490	191	72.46	29
17	57.810	395	63.48	111	45.982	233	97.27	86	33.57	54	28.62	109	54.299	177	72.17	64
27	57.415	357	62.37	161	45.749	207	96.41	132	33.03	46	27.53	155	54.122	153	71.53	98
Nov. 6	57.058	307	60.76	211	45.542	170	95.09	175	32.57	38	25.98	197	53.969	121	70.55	132
16	56.751	246	58.65	253	45.372	127	93.34	215	32.19	26	24.01	231	53.848	84	69.23	162
26	56.505	176	56.12	292	45.245	79	91.19	250	31.93	13	21.70	259	53.764	41	67.61	189
Dez. 6	56.329	100	53.20	320	45.166	27	88.69	277	31.80	0	19.11	275	53.723	2	65.72	211
16	56.229	19	50.00	340	45.139	27	85.92	296	31.80	13	16.36	285	53.725	48	63.61	227
26	56.210	63	46.60	348	45.166	81	82.96	306	31.93	27	13.51	284	53.773	92	61.34	235
36	56.273		43.12		45.247		79.90		32.20		10.67		53.865		58.99	
Mittl. Ort	57.698		45.11		44.247		79.57		26.91		13.81		51.821		57.97	
sec δ, tg δ	1.928		+1.649		1.282		+0.802		3.149		−2.986		1.067		+0.374	
a, *a′*	+0.9		+2.0		+2.0		+3.0		+7.0		+3.1		+2.6		+3.7	
b, *b′*	+0.01		+0.99		+0.01		+0.99		−0.03		+0.99		0.00		+0.98	

*) Bei Stern 699), 698) und 703) lies Juni 30

Scheinbare Sternörter 1935

Tag	704) λ Pavonis				705) β Lyrae				707) ο Draconis				706) σ Sagittarii			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1935	18ʰ 46ᵐ		−62° 15′		18ʰ 47ᵐ		+33° 16′		18ʰ 50ᵐ		+59° 18′		18ʰ 51ᵐ		−26° 22′	
Jan. 1	10ˢ76	24	57″15	242	39ˢ779	104	66″41	287	12ˢ109	62	27″57	345	13ˢ733	155	50″28	37
11	11.00	33	54.73	234	39.883	149	63.54	281	12.171	142	24.12	341	13.888	195	49.91	37
21	11.33	40	52.39	218	40.032	190	60.73	264	12.313	217	20.71	322	14.083	229	49.54	35
31	11.73	46	50.21	199	40.222	227	58.09	238	12.530	286	17.49	293	14.312	258	49.19	37
Feb. 10	12.19	51	48.22	176	40.449	257	55.71	200	12.816	347	14.56	252	14.570	283	48.82	38
20	12.70	56	46.46	149	40.706	284	53.71	156	13.163	397	12.04	200	14.853	301	48.44	41
März 2	13.26	58	44.97	121	40.990	303	52.15	104	13.560	436	10.04	142	15.154	317	48.03	45
12	13.84	60	43.76	91	41.293	317	51.11	49	13.996	462	8.62	78	15.471	327	47.58	49
22	14.44	61	42.85	60	41.610	325	50.62	9	14.458	477	7.84	12	15.798	335	47.09	53
Apr. 1	15.05	61	42.25	28	41.935	326	50.71	64	14.935	478	7.72	54	16.133	337	46.56	56
11	15.66	61	41.97	4	42.261	322	51.35	118	15.413	465	8.26	118	16.470	336	46.00	56
21	16.27	58	42.01	37	42.583	310	52.53	167	15.878	443	9.44	175	16.806	329	45.44	55
Mai 1	16.85	56	42.38	68	42.893	293	54.20	209	16.321	407	11.19	228	17.135	319	44.89	52
11	17.41	52	43.06	98	43.186	269	56.29	245	16.728	361	13.47	272	17.454	301	44.37	46
21	17.93	48	44.04	126	43.455	240	58.74	271	17.089	306	16.19	306	17.755	278	43.91	38
31	18.41	41	45.30	151	43.695	204	61.45	290	17.395	244	19.25	333	18.033	249	43.53	29
Juni 10	18.82	34	46.81	172	43.899	165	64.35	301	17.639	175	22.58	348	18.282	215	43.24	18
20	19.16	27	48.53	189	44.064	120	67.36	303	17.814	103	26.06	354	18.497	175	43.06	6
30	19.43	19	50.42	201	44.184	74	70.39	297	17.917	28	29.60	352	18.672	131	43.00	4
Juli 9	19.62	10	52.43	205	44.258	26	73.36	284	17.945	48	33.12	341	18.803	85	43.04	15
19	19.72	1	54.48	204	44.284	23	76.20	265	17.897	121	36.53	323	18.888	36	43.19	23
29	19.73	8	56.52	195	44.261	70	78.85	241	17.776	192	39.76	296	18.924	12	43.42	29
Aug. 8	19.65	16	58.47	179	44.191	113	81.26	212	17.584	257	42.72	264	18.912	57	43.71	33
18	19.49	24	60.26	157	44.078	153	83.38	178	17.327	314	45.36	226	18.855	99	44.04	34
28	19.25	30	61.83	126	43.925	186	85.16	142	17.013	361	47.62	184	18.756	134	44.38	31
Sept. 7	18.95	34	63.09	91	43.739	210	86.58	102	16.652	398	49.46	137	18.622	162	44.69	26
17	18.61	38	64.00	52	43.529	226	87.60	61	16.254	423	50.83	88	18.460	178	44.95	19
27	18.23	39	64.52	8	43.303	233	88.21	17	15.831	434	51.71	36	18.282	186	45.14	10
Okt. 7	17.84	39	64.60	37	43.070	228	88.38	26	15.397	431	52.07	18	18.096	181	45.24	0
17	17.45	35	64.23	80	42.842	214	88.12	70	14.966	415	51.89	71	17.915	166	45.24	10
27	17.10	31	63.43	122	42.628	191	87.42	114	14.551	384	51.18	125	17.749	140	45.14	19
Nov. 6	16.79	25	62.21	160	42.437	158	86.28	154	14.167	340	49.93	177	17.609	105	44.95	27
16	16.54	17	60.61	191	42.279	119	84.74	193	13.827	285	48.16	223	17.504	64	44.68	33
26	16.37	8	58.70	217	42.160	75	82.81	226	13.542	220	45.93	265	17.440	18	44.35	38
Dez. 6	16.29	0	56.53	234	42.085	26	80.55	254	13.322	147	43.28	301	17.422	31	43.97	39
16	16.29	10	54.19	243	42.059	23	78.01	274	13.175	69	40.27	326	17.453	78	43.58	39
26	16.39	19	51.76	245	42.082	72	75.27	285	13.106	12	37.01	340	17.531	125	43.19	39
36	16.58		49.31		42.154		72.42		13.118		33.61		17.656		42.80	
Mittl. Ort	11.92		52.64		40.790		70.22		14.619		30.34		14.117		45.44	
sec δ, tg δ	2.149		−1.902		1.196		+0.657		1.959		+1.685		1.116		−0.496	
a, a'	+5.6		+4.0		+2.2		+4.1		+0.9		+4.4		+3.7		+4.4	
b, b'	−0.03		+0.98		+0.01		+0.98		+0.02		+0.98		−0.01		+0.98	

Tag	709) ϑ Serpentis pr. AR.		709) Dekl.		708) λ Telescopii AR.		708) Dekl.		711) *R* Lyrae AR.		711) Dekl.		713) γ Lyrae AR.		713) Dekl.	
1935	18h 52m		+4° 6′		18h 53m		−53° 1′		18h 53m		+43° 51′		18h 56m		+32° 35′	
Jan. 1	58.798	124	58.76	149	15.199	200	36.71	198	20.051	85	31.12	317	29.700	94	54.21	282
11	58.922	160	57.27	145	15.399	261	34.73	192	20.136	139	27.95	313	29.794	140	51.39	277
21	59.082	192	55.82	135	15.660	315	32.81	182	20.275	188	24.82	296	29.934	180	48.62	263
31	59.274	219	54.47	119	15.975	362	30.99	168	20.463	235	21.86	268	30.114	218	45.99	237
Feb. 10	59.493	242	53.28	97	16.337	400	29.31	152	20.698	273	19.18	229	30.332	249	43.62	202
20	59.735	261	52.31	69	16.737	431	27.79	133	20.971	307	16.89	181	30.581	276	41.60	158
März 2	59.996	276	51.62	38	17.168	454	26.46	113	21.278	332	15.08	126	30.857	297	40.02	107
12	60.272	287	51.24	5	17.622	472	25.33	91	21.610	350	13.82	66	31.154	313	38.95	54
22	60.559	293	51.19	31	18.094	481	24.42	68	21.960	361	13.16	4	31.467	321	38.41	3
Apr. 1	60.852	297	51.50	64	18.575	485	23.74	45	22.321	363	13.12	58	31.788	326	38.44	59
11	61.149	295	52.14	96	19.060	482	23.29	19	22.684	358	13.70	116	32.114	322	39.03	112
21	61.444	290	53.10	123	19.542	471	23.10	6	23.042	345	14.86	171	32.436	313	40.15	162
Mai 1	61.734	278	54.33	146	20.013	452	23.16	31	23.387	323	16.57	219	32.749	298	41.77	204
11	62.012	262	55.79	164	20.465	425	23.47	57	23.710	295	18.76	259	33.047	275	43.81	240
21	62.274	241	57.43	175	20.890	390	24.04	81	24.005	260	21.35	291	33.322	247	46.21	268
31	62.515	214	59.18	183	21.280	346	24.85	104	24.265	218	24.26	313	33.569	212	48.89	287
Juni 10	62.729	182	61.01	183	21.626	295	25.89	124	24.483	171	27.39	328	33.781	175	51.76	299
20	62.911	147	62.84	179	21.921	236	27.13	141	24.654	120	30.67	332	33.956	130	54.75	301
30	63.058	106	64.63	171	22.157	172	28.54	153	24.774	66	33.99	329	34.086	84	57.76	298
Juli 9	63.164	65	66.34	159	22.329	104	30.07	161	24.840	11	37.28	317	34.170	37	60.74	286
19	63.229	22	67.93	144	22.433	35	31.68	163	24.851	44	40.45	299	34.207	12	63.60	268
29	63.251	20	69.37	127	22.468	36	33.31	160	24.807	97	43.44	274	34.195	60	66.28	245
Aug. 8	63.231	61	70.64	107	22.432	102	34.91	149	24.710	146	46.18	243	34.135	104	68.73	216
18	63.170	97	71.71	88	22.330	163	36.40	133	24.564	190	48.61	207	34.031	144	70.89	183
28	63.073	128	72.59	68	22.167	213	37.73	111	24.374	227	50.68	168	33.887	177	72.72	148
Sept. 7	62.945	151	73.27	46	21.954	254	38.84	83	24.147	256	52.36	124	33.710	204	74.20	109
17	62.794	167	73.73	25	21.700	281	39.67	52	23.891	275	53.60	78	33.506	221	75.29	68
27	62.627	173	73.98	4	21.419	292	40.19	16	23.616	283	54.38	31	33.285	229	75.97	26
Okt. 7	62.454	169	74.02	17	21.127	288	40.35	20	23.333	280	54.69	19	33.056	226	76.23	18
17	62.285	155	73.85	38	20.839	267	40.15	57	23.053	267	54.50	68	32.830	213	76.05	61
27	62.130	134	73.47	59	20.572	232	39.58	92	22.786	242	53.82	116	32.617	192	75.44	104
Nov. 6	61.996	104	72.88	79	20.340	183	38.66	123	22.544	209	52.66	164	32.425	160	74.40	146
16	61.892	68	72.09	99	20.157	124	37.43	150	22.335	166	51.02	207	32.265	124	72.94	184
26	61.824	29	71.10	115	20.033	57	35.93	172	22.169	117	48.95	245	32.141	80	71.10	217
Dez. 6	61.795	14	69.95	130	19.976	13	34.21	187	22.052	65	46.50	277	32.061	33	68.93	247
16	61.809	56	68.65	141	19.989	85	32.34	197	21.987	8	43.73	301	32.028	15	66.46	267
26	61.865	97	67.24	147	20.074	155	30.37	199	21.979	49	40.72	314	32.043	63	63.79	279
36	61.962		65.77		20.229		28.38		22.028		37.58		32.106		61.00	
Mittl. Ort	59.283		63.04		15.947		31.78		21.459		34.11		30.691		57.35	
sec δ, tg δ	1.003		+0.072		1.663		−1.328		1.387		+0.961		1.187		+0.640	
a, *a′*	+3.0		+4.6		+4.8		+4.6		+1.8		+4.6		+2.2		+4.9	
b, *b′*	0.00		+0.97		−0.02		+0.97		+0.01		+0.97		+0.01		+0.97	

Tag	716) ζ Aquilae AR.		716) ζ Aquilae Dekl.		717) λ Aquilae AR.		717) λ Aquilae Dekl.		718) α Coronae austr. AR.		718) α Coronae austr. Dekl.		720) π Sagittarii AR.		720) π Sagittarii Dekl.	
1935	$19^h\ 2^m$		$+13°45'$		$19^h\ 2^m$		$-4°58'$		$19^h\ 5^m$		$-38°\ 0'$		$19^h\ 5^m$		$-21°7'$	
	s		″		s		″		s		″		s		″	
Jan. 1	24.730	106	52.05	198	47.565	122	57.61	92	2.635	154	32.86	114	53.578	133	47.75	10
11	24.836	144	50.07	195	47.687	158	58.53	90	2.789	200	31.72	114	53.711	172	47.65	10
21	24.980	178	48.12	183	47.845	189	59.43	83	2.989	240	30.58	110	53.883	206	47.55	13
31	25.158	207	46.29	163	48.034	218	60.26	71	3.229	275	29.48	106	54.089	234	47.42	17
Feb. 10	25.365	234	44.66	137	48.252	240	60.97	54	3.504	305	28.42	102	54.323	260	47.25	24
20	25.599	254	43.29	103	48.492	260	61.51	34	3.809	329	27.40	95	54.583	280	47.01	31
März 2	25.853	272	42.26	64	48.752	276	61.85	10	4.138	349	26.45	89	54.863	296	46.70	41
12	26.125	286	41.62	24	49.028	288	61.95	15	4.487	364	25.56	83	55.159	310	46.29	51
22	26.411	294	41.38	20	49.316	296	61.80	41	4.851	373	24.73	74	55.469	318	45.78	59
Apr. 1	26.705	299	41.58	62	49.612	301	61.39	65	5.224	379	23.99	65	55.787	324	45.19	68
11	27.004	298	42.20	102	49.913	301	60.74	89	5.603	380	23.34	54	56.111	324	44.51	75
21	27.302	293	43.22	139	50.214	297	59.85	108	5.983	375	22.80	41	56.435	322	43.76	78
Mai 1	27.595	282	44.61	168	50.511	288	58.77	123	6.358	364	22.39	28	56.757	312	42.98	79
11	27.877	267	46.29	194	50.799	274	57.54	134	6.722	346	22.11	11	57.069	298	42.19	77
21	28.144	244	48.23	213	51.073	254	56.20	141	7.068	322	22.00	5	57.367	278	41.42	71
31	28.388	217	50.36	224	51.327	228	54.79	142	7.390	290	22.05	22	57.645	251	40.71	64
Juni 10	28.605	185	52.60	229	51.555	198	53.37	140	7.680	253	22.27	38	57.896	219	40.07	55
20	28.790	148	54.89	229	51.753	162	51.97	133	7.933	209	22.65	55	58.115	182	39.52	43
30	28.938	107	57.18	222	51.915	123	50.64	124	8.142	160	23.20	68	58.297	140	39.09	31
Juli 9	29.045	65	59.40	210	52.038	81	49.40	112	8.302	107	23.88	79	58.437	95	38.78	20
19	29.110	21	61.50	194	52.119	37	48.28	98	8.409	52	24.67	87	58.532	48	38.58	8
29	29.131	22	63.44	175	52.156	7	47.30	84	8.461	2	25.54	90	58.580	2	38.50	2
Aug. 8	29.109	64	65.19	151	52.149	47	46.46	69	8.459	56	26.44	91	58.582	43	38.52	9
18	29.045	101	66.70	127	52.102	86	45.77	53	8.403	104	27.35	85	58.539	85	38.61	16
28	28.944	132	67.97	101	52.016	118	45.24	39	8.299	146	28.20	75	58.454	120	38.77	18
Sept. 7	28.812	158	68.98	73	51.898	144	44.85	25	8.153	179	28.95	62	58.334	149	38.95	18
17	28.654	174	69.71	43	51.754	160	44.60	11	7.974	202	29.57	44	58.185	167	39.13	18
27	28.480	182	70.14	14	51.594	168	44.49	1	7.772	213	30.01	23	58.018	177	39.31	14
Okt. 7	28.298	180	70.28	15	51.426	167	44.50	14	7.559	211	30.24	2	57.841	175	39.45	9
17	28.118	169	70.13	45	51.259	153	44.64	25	7.348	197	30.26	21	57.666	162	39.54	5
27	27.949	148	69.68	74	51.106	133	44.89	37	7.151	170	30.05	42	57.504	140	39.59	0
Nov. 6	27.801	119	68.94	102	50.973	105	45.26	49	6.981	135	29.63	63	57.364	110	39.59	5
16	27.682	86	67.92	129	50.868	68	45.75	61	6.846	91	29.00	80	57.254	71	39.54	7
26	27.596	47	66.63	152	50.800	30	46.36	71	6.755	40	28.20	94	57.183	30	39.47	8
Dez. 6	27.549	5	65.11	173	50.770	12	47.07	80	6.715	13	27.26	104	57.153	16	39.39	10
16	27.544	38	63.38	186	50.782	54	47.87	87	6.728	67	26.22	111	57.169	60	39.29	10
26	27.582	79	61.52	196	50.836	95	48.74	91	6.795	119	25.11	114	57.229	104	39.19	9
36	27.661		59.56		50.931		49.65		6.914		23.97		57.333		39.10	
Mittl. Ort	25.326		55.58		47.973		53.32		3.080		27.63		53.938		42.93	
sec δ, tg δ	1.030		+0.245		1.004		−0.087		1.269		−0.781		1.072		−0.386	
a, *a'*	+2.8		+5.4		+3.2		+5.4		+4.1		+5.6		+3.6		+5.7	
b, *b'*	0.00		+0.96		0.00		+0.96		−0.01		+0.96		−0.01		+0.96	

Tag	723) δ Draconis AR.		Dekl.		724) ϑ Lyrae AR.		Dekl.	
1935	19h 12m		+67° 32′		19h 14m		+38° 0′	
	s		″		s		″	
Jan. 1	28.98	2	49.64	341	5.512	67	59.41	295
11	28.96	9	46.23	344	5.579	116	56.46	294
21	29.05	20	42.79	333	5.695	161	53.52	282
31	29.25	30	39.46	309	5.856	204	50.70	257
Feb. 10	29.55	38	36.37	273	6.060	241	48.13	224
20	29.93	47	33.64	226	6.301	273	45.89	180
März 2	30.40	53	31.38	171	6.574	299	44.09	130
12	30.93	57	29.67	110	6.873	320	42.79	74
22	31.50	61	28.57	44	7.193	334	42.05	15
Apr. 1	32.11	61	28.13	23	7.527	341	41.90	43
11	32.72	61	28.36	88	7.868	341	42.33	101
21	33.33	58	29.24	148	8.209	334	43.34	153
Mai 1	33.91	54	30.72	205	8.543	320	44.87	201
11	34.45	49	32.77	252	8.863	298	46.88	240
21	34.94	41	35.29	293	9.161	269	49.28	274
31	35.35	33	38.22	324	9.430	235	52.02	297
Juni 10	35.68	24	41.46	345	9.665	193	54.99	313
20	35.92	15	44.91	358	9.858	149	58.12	320
30	36.07	5	48.49	361	10.007	99	61.32	318
Juli 10	36.12	5	52.10	355	10.106	48	64.50	310
19	36.07	15	55.65	342	10.154	4	67.60	295
29	35.92	24	59.07	321	10.150	55	70.55	272
Aug. 8	35.68	33	62.28	292	10.095	102	73.27	245
18	35.35	41	65.20	259	9.993	147	75.72	212
28	34.94	48	67.79	218	9.846	185	77.84	176
Sept. 7	34.46	53	69.97	175	9.661	214	79.60	136
17	33.93	57	71.72	126	9.447	235	80.96	94
27	33.36	60	72.98	75	9.212	247	81.90	48
Okt. 7	32.76	60	73.73	21	8.965	248	82.38	3
17	32.16	58	73.94	34	8.717	238	82.41	44
27	31.58	56	73.60	89	8.479	219	81.97	91
Nov. 6	31.02	52	72.71	143	8.260	191	81.06	136
16	30.50	45	71.28	194	8.069	155	79.70	178
26	30.05	37	69.34	241	7.914	112	77.92	216
Dez. 6	29.68	29	66.93	280	7.802	66	75.76	249
16	29.39	19	64.13	313	7.736	16	73.27	274
26	29.20	9	61.00	334	7.720	35	70.53	289
36	29.11		57.66		7.755		67.64	
Mittl. Ort	32.72		49.67		6.673		60.85	
sec δ, tg δ	2.618		+2.420		1.269		+0.782	
a, *a′*	0.0		+6.2		+2.1		+6.4	
b, *b′*	+0.05		+0.95		+0.02		+0.95	

Tag	725) ω Aquilae AR.		Dekl.		726) κ Cygni AR.		Dekl.	
1935	19h 14m		+11° 28′		19h 15m		+53° 14′	
	s		″		s		″	
Jan. 1	45.359	96	33.62	182	34.127	36	51.62	329
11	45.455	133	31.80	179	34.163	102	48.33	331
21	45.588	167	30.01	170	34.265	165	45.02	319
31	45.755	198	28.31	151	34.430	226	41.83	295
Feb. 10	45.953	223	26.80	126	34.656	279	38.88	259
20	46.176	247	25.54	95	34.935	326	36.29	212
März 2	46.423	264	24.59	60	35.261	364	34.17	159
12	46.687	280	23.99	19	35.625	393	32.58	98
22	46.967	291	23.80	21	36.018	413	31.60	34
Apr. 1	47.258	297	24.01	61	36.431	421	31.26	30
11	47.555	299	24.62	100	36.852	420	31.56	94
21	47.854	296	25.62	133	37.272	407	32.50	152
Mai 1	48.150	287	26.95	164	37.679	385	34.02	206
11	48.437	273	28.59	187	38.064	353	36.08	252
21	48.710	254	30.46	206	38.417	313	38.60	291
31	48.964	227	32.52	217	38.730	264	41.51	319
Juni 10	49.191	196	34.69	222	38.994	209	44.70	339
20	49.387	161	36.91	221	39.203	148	48.09	350
30	49.548	121	39.12	214	39.351	85	51.59	352
Juli 10	49.669	79	41.26	204	39.436	19	55.11	346
19	49.748	34	43.30	187	39.455	47	58.57	330
29	49.782	9	45.17	170	39.408	111	61.87	310
Aug. 8	49.773	50	46.87	148	39.297	170	64.97	280
18	49.723	90	48.35	123	39.127	224	67.77	247
28	49.633	122	49.58	99	38.903	271	70.24	207
Sept. 7	49.511	149	50.57	73	38.632	309	72.31	164
17	49.362	167	51.30	46	38.323	335	73.95	117
27	49.195	177	51.76	18	37.988	351	75.12	67
Okt. 7	49.018	176	51.94	10	37.637	353	75.79	15
17	48.842	167	51.84	37	37.284	345	75.94	38
27	48.675	149	51.47	64	36.939	323	75.56	91
Nov. 6	48.526	122	50.83	90	36.616	290	74.65	143
16	48.404	90	49.93	115	36.326	248	73.22	191
26	48.314	53	48.78	138	36.078	196	71.31	235
Dez. 6	48.261	12	47.40	156	35.882	137	68.96	274
16	48.249	28	45.84	171	35.745	73	66.22	303
26	48.277	70	44.13	179	35.672	8	63.19	322
36	48.347		42.34		35.664		59.97	
Mittl. Ort	45.914		36.66		36.089		52.04	
sec δ, tg δ	1.020		+0.203		1.671		+1.339	
a, *a′*	+2.8		+6.4		+1.4		+6.5	
b, *b′*	0.00		+0.95		+0.03		+0.95	

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Tag	729) τ Draconis				728) α Sagittarii				730) δ Aquilae				733) ι Cygni			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1935	$19^h\ 16^m$		+73° 13′		$19^h\ 19^m$		−40° 44′		$19^h\ 22^m$		+2° 58′		$19^h\ 28^m$		+51° 35′	
	s		″		s		″		s		″		s		″	
Jan. 1	43.55	8	67.98	338	22.664	138	29.59	135	12.813	97	58.27	133	2.234	21	26.50	323
11	43.47	6	64.60	342	22.802	187	28.24	136	12.910	133	56.94	130	2.255	85	23.27	325
21	43.53	21	61.18	334	22.989	230	26.88	134	13.043	166	55.64	122	2.340	146	20.02	317
31	43.74	35	57.84	311	23.219	268	25.54	131	13.209	195	54.42	106	2.486	204	16.85	295
Feb. 10	44.09	47	54.73	277	23.487	301	24.23	126	13.404	220	53.36	87	2.690	257	13.90	262
20	44.56	58	51.96	233	23.788	328	22.97	119	13.624	243	52.49	61	2.947	304	11.28	219
März 2	45.14	66	49.63	178	24.116	351	21.78	112	13.867	262	51.88	31	3.251	343	9.09	166
12	45.80	74	47.85	118	24.467	368	20.66	102	14.129	277	51.57	0	3.594	373	7.43	108
22	46.54	77	46.67	53	24.835	382	19.64	93	14.406	288	51.57	34	3.967	396	6.35	45
Apr. 1	47.31	79	46.14	13	25.217	391	18.71	80	14.694	296	51.91	67	4.363	408	5.90	19
11	48.10	78	46.27	77	25.608	393	17.91	67	14.990	299	52.58	97	4.771	410	6.09	82
21	48.88	75	47.04	139	26.001	392	17.24	52	15.289	299	53.55	124	5.181	402	6.91	141
Mai 1	49.63	69	48.43	196	26.393	382	16.72	34	15.588	291	54.79	148	5.583	384	8.32	195
11	50.32	61	50.39	244	26.775	366	16.38	16	15.879	279	56.27	165	5.967	357	10.27	243
21	50.93	52	52.83	286	27.141	343	16.22	4	16.158	261	57.92	177	6.324	320	12.70	282
31	51.45	41	55.69	318	27.484	313	16.26	25	16.419	237	59.69	184	6.644	275	15.52	313
Juni 10	51.86	29	58.87	341	27.797	274	16.51	43	16.656	208	61.53	185	6.919	224	18.65	335
20	52.15	17	62.28	355	28.071	231	16.94	62	16.864	173	63.38	181	7.143	167	22.00	347
30	52.32	3	65.83	359	28.302	180	17.56	78	17.037	135	65.19	174	7.310	106	25.47	352
Juli 10	[12] 52.35	9	69.42	357	[12] 28.482	126	18.34	92	[13] 17.172	93	66.93	162	[15] 7.416	42	28.99	347
19	52.26	22	72.99	344	28.608	68	19.26	101	17.265	49	68.55	147	7.458	21	32.46	334
29	52.04	35	76.43	324	28.676	12	20.27	107	17.314	6	70.02	130	7.437	84	35.80	315
Aug. 8	51.69	46	79.67	298	28.688	45	21.34	107	17.320	37	71.32	111	7.353	143	38.95	288
18	51.23	56	82.65	265	28.643	97	22.41	102	17.283	76	72.43	92	7.210	198	41.83	256
28	50.67	65	85.30	226	28.546	142	23.43	93	17.207	109	73.35	71	7.012	245	44.39	218
Sept. 7	50.02	72	87.56	184	28.404	179	24.36	78	17.098	137	74.06	51	6.767	283	46.57	176
17	49.30	77	89.40	136	28.225	206	25.14	59	16.961	156	74.57	30	6.484	312	48.33	130
27	48.53	80	90.76	86	28.019	220	25.73	36	16.805	167	74.87	10	6.172	329	49.63	82
Okt. 7	47.73	82	91.62	33	27.799	222	26.09	13	16.638	168	74.97	10	5.843	335	50.45	31
17	46.91	81	91.95	23	27.577	211	26.22	13	16.470	159	74.87	29	5.508	329	50.76	22
27	46.10	77	91.72	77	27.366	187	26.09	39	16.311	143	74.58	49	5.179	311	50.54	75
Nov. 6	45.33	72	90.95	132	27.179	152	25.70	63	16.168	116	74.09	67	4.868	282	49.79	126
16	44.61	64	89.63	184	27.027	110	25.07	84	16.052	84	73.42	85	4.586	243	48.53	176
26	43.97	55	87.79	232	26.917	59	24.23	102	15.968	49	72.57	101	4.343	196	46.77	222
Dez. 6	43.42	44	85.47	273	26.858	7	23.21	117	15.919	9	71.56	115	4.147	141	44.55	260
16	42.98	30	82.74	306	26.851	49	22.04	127	15.910	30	70.41	125	4.006	81	41.95	292
26	42.68	17	79.68	329	26.900	103	20.77	133	15.940	71	69.16	131	3.925	20	39.03	314
36	42.51		76.39		27.003		19.44		16.011		67.85		3.905		35.89	
Mittl. Ort	48.85		67.28		23.115		23.93		13.265		61.57		4.063		25.77	
sec δ, tg δ	3.467		+3.320		1.320		−0.861		1.001		+0.052		1.610		+1.261	
a, *a′*	−1.1		+6.6		+4.2		+6.8		+3.0		+7.0		+1.5		+7.5	
b, *b′*	+0.07		+0.94		−0.02		+0.94		0.00		+0.94		+0.03		+0.93	

Tag	732) β Cygni AR.		732) β Cygni Dekl.		736) *h* Sagittarii AR.		736) *h* Sagittarii Dekl.		738) ϑ Cygni AR.		738) ϑ Cygni Dekl.		742) δ Cygni AR.		742) δ Cygni Dekl.	
1935	19h 28m		+27° 49′		19h 32m		−25° 1′		19h 34m		+50° 3′		19h 42m		+44° 57′	
	s		″		s		″		s		″		s		″	
Jan. 1	5.123	66	18.00	253	44.883	108	48.33	41	40.164	16	72.02	316	55.207	18	77.70	302
11	5.189	108	15.47	254	44.991	147	47.92	45	40.180	77	68.86	321	55.225	73	74.68	308
21	5.297	147	12.93	243	45.138	184	47.47	49	40.257	136	65.65	314	55.298	126	71.60	301
31	5.444	184	10.50	224	45.322	215	46.98	53	40.393	191	62.51	293	55.424	176	68.59	283
Feb. 10	5.628	217	8.26	194	45.537	243	46.45	59	40.584	244	59.58	261	55.600	221	65.76	253
20	5.845	245	6.32	156	45.780	268	45.86	66	40.828	290	56.97	220	55.821	264	63.23	213
März 2	6.090	270	4.76	111	46.048	289	45.20	72	41.118	329	54.77	169	56.085	300	61.10	165
12	6.360	290	3.65	62	46.337	305	44.48	79	41.447	360	53.08	111	56.385	330	59.45	109
22	6.650	304	3.03	9	46.642	319	43.69	85	41.807	383	51.97	49	56.715	352	58.36	49
Apr. 1	6.954	314	2.94	43	46.961	329	42.84	89	42.190	396	51.48	14	57.067	366	57.87	12
11	7.268	318	3.37	94	47.290	335	41.95	91	42.586	401	51.62	77	57.433	373	57.99	72
21	7.586	315	4.31	142	47.625	335	41.04	91	42.987	395	52.39	136	57.806	371	58.71	130
Mai 1	7.901	306	5.73	183	47.960	331	40.13	88	43.382	379	53.75	190	58.177	360	60.01	183
11	8.207	291	7.56	221	48.291	320	39.25	82	43.761	355	55.65	237	58.537	339	61.84	230
21	8.498	268	9.77	249	48.611	302	38.43	72	44.116	321	58.02	278	58.876	312	64.14	269
31	8.766	240	12.26	270	48.913	279	37.71	61	44.437	279	60.80	309	59.188	276	66.83	299
Juni 10	9.006	205	14.96	284	49.192	248	37.10	48	44.716	230	63.89	332	59.464	233	69.82	322
20	9.211	166	17.80	289	49.440	212	36.62	33	44.946	176	67.21	345	59.697	184	73.04	335
30	9.377	123	20.69	288	49.652	170	36.29	18	45.122	117	70.66	350	59.881	131	76.39	340
Juli 10	9.500	76	23.57	280	49.822	124	36.11	3	45.239	55	74.16	346	60.012	75	79.79	338
	15				16				16				18			
19	9.576	29	26.37	265	49.946	76	36.08	11	45.294	7	77.62	336	60.087	17	83.17	326
·29	9.605	18	29.02	245	50.022	27	36.19	22	45.287	68	80.98	315	60.104	39	86.43	309
Aug. 8	9.587	64	31.47	221	50.049	20	36.41	31	45.219	126	84.13	291	60.065	94	89.52	284
18	9.523	105	33.68	192	50.029	66	36.72	37	45.093	180	87.04	259	59.971	144	92.36	254
28	9.418	142	35.60	159	49.963	106	37.09	40	44.913	227	89.63	223	59.827	189	94.90	219
Sept. 7	9.276	171	37.19	125	49.857	139	37.49	40	44.686	266	91.86	182	59.638	225	97.09	180
17	9.105	193	38.44	88	49.718	162	37.89	35	44.420	294	93.68	136	59.413	254	98.89	137
27	8.912	206	39.32	49	49.556	177	38.24	30	44.126	313	95.04	89	59.159	272	100.26	90
Okt. 7	8.706	208	39.81	9	49.379	180	38.54	21	43.813	320	95.93	38	58.887	280	101.16	42
17	8.498	201	39.90	32	49.199	172	38.75	12	43.493	316	96.31	14	58.607	277	101.58	8
27	8.297	185	39.58	72	49.027	155	38.87	2	43.177	299	96.17	66	58.330	263	101.50	58
Nov. 6	8.112	161	38.86	111	48.872	127	38.89	8	42.878	272	95.51	118	58.067	239	100.92	108
16	7.951	128	37.75	148	48.745	93	38.81	17	42.606	236	94.33	167	57.828	206	99.84	156
26	7.823	92	36.27	182	48.652	53	38.64	24	42.370	190	92.66	213	57.622	166	98.28	200
Dez. 6	7.731	51	34.45	211	48.599	10	38.40	30	42.180	140	90.53	252	57.456	120	96.28	238
16	7.680	7	32.34	233	48.589	35	38.10	35	42.040	82	88.01	285	57.336	70	93.90	271
26	7.673	37	30.01	248	48.624	78	37.75	39	41.958	23	85.16	307	57.266	16	91.19	293
36	7.710		27.53		48.702		37.36		41.935		82.09		57.250		88.26	
Mittl. Ort	5.966		19.07		45.208		43.23		41.882		70.75		56.626		76.07	
sec δ, tg δ	1.131		+0.528		1.104		−0.467		1.558		+1.195		1.413		+0.999	
a, *a*′	+2.4		+7.5		+3.6		+7.9		+1.6		+8.0		+1.9		+8.7	
b, *b*′	+0.01		+0.93		−0.01		+0.92		+0.03		+0.92		+0.03		+0.90	

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Tag	741) γ Aquilae AR.	Diff.	Dekl.	Diff.	743) δ Sagittae AR.	Diff.	Dekl.	Diff.	745) α Aquilae[1]) AR.	Diff.	Dekl.	Diff.	747) ε Draconis AR.	Diff.	Dekl.	Diff.
1935	19h 43m		+10° 27′		19h 44m		+18° 22′		19h 47m		+8° 41′		19h 48m		+70° 5′	
Jan. 1	9.650	70	11.21	167	28.727	61	20.98	206	36.220	71	41.42	155	19.93	13	72.52	326
11	9.720	106	9.54	166	28.788	99	18.92	206	36.291	107	39.87	153	19.80	1	69.26	337
21	9.826	141	7.88	158	28.887	134	16.86	199	36.398	140	38.34	146	19.79	$\overline{11}$	65.89	337
31	9.967	171	6.30	143	29.021	168	14.87	182	36.538	172	36.88	130	19.90	23	62.52	322
Feb. 10	10.138	201	4.87	120	29.189	199	13.05	157	36.710	200	35.58	108	20.13	34	59.30	296
20	10.339	225	3.67	91	29.388	226	11.48	124	36.910	225	34.50	81	20.47	44	56.34	257
März 2	10.564	248	2.76	57	29.614	249	10.24	86	37.135	247	33.69	48	20.91	52	53.77	209
12	10.812	267	2.19	21	29.863	271	9.38	44	37.382	267	33.21	12	21.43	60	51.68	152
22	11.079	281	1.98	$\overline{20}$	30.134	286	8.94	$\overline{2}$	37.649	282	33.09	$\overline{25}$	22.03	64	50.16	90
Apr. 1	11.360	294	2.18	58	30.420	298	8.96	47	37.931	293	33.34	63	22.67	68	49.26	$\underline{24}$
11	11.654	300	2.76	96	30.718	306	9.43	92	38.224	300	33.97	100	23.35	68	49.02	40
21	11.954	301	3.72	130	31.024	306	10.35	132	38.524	302	34.97	132	24.03	67	49.42	104
Mai 1	12.255	298	5.02	160	31.330	302	11.67	169	38.826	299	36.29	160	24.70	65	50.46	164
11	12.553	287	6.62	184	31.632	291	13.36	200	39.125	289	37.89	183	25.35	59	52.10	216
21	12.840	272	8.46	203	31.923	273	15.36	224	39.414	273	39.72	201	25.94	52	54.26	264
31	13.112	248	10.49	216	32.196	249	17.60	241	39.687	251	41.73	211	26.46	45	56.90	301
Juni 10	13.360	220	12.65	221	32.445	220	20.01	252	39.938	223	43.84	217	26.91	35	59.91	331
20	13.580	187	14.86	222	32.665	184	22.53	256	40.161	190	46.01	216	27.26	24	63.22	351
30	13.767	148	17.08	217	32.849	145	25.09	253	40.351	152	48.17	210	27.50	15	66.73	364
Juli 10	[18] 13.915	106	19.25	206	[19] 32.994	101	27.62	245	40.503	110	50.27	199	27.65	$\underline{3}$	70.37	365
19*)	14.021	62	21.31	192	33.095	57	30.07	230	40.613	66	52.26	184	27.68	9	74.02	361
29	14.083	18	23.23	174	33.152	11	32.37	213	[20] 40.679	21	54.10	167	[20] 27.59	19	77.63	347
Aug. 8	14.101	$\overline{26}$	24.97	154	33.163	$\overline{34}$	34.50	190	40.700	$\overline{21}$	55.77	146	27.40	29	81.10	325
18	14.075	66	26.51	130	33.129	74	36.40	166	40.679	62	57.23	123	27.11	39	84.35	298
28	14.009	102	27.81	106	33.055	111	38.06	137	40.617	98	58.46	100	26.72	47	87.33	264
Sept. 7	13.907	132	28.87	81	32.944	142	39.43	108	40.519	128	59.46	76	26.25	54	89.97	224
17	13.775	154	29.68	55	32.802	164	40.51	77	40.391	150	60.22	51	25.71	60	92.21	180
27	13.621	168	30.23	29	32.638	179	41.28	44	40.241	164	60.73	25	25.11	64	94.01	131
Okt. 7	13.453	172	30.52	2	32.459	183	41.72	11	40.077	169	60.98	1	24.47	66	95.32	79
17	13.281	167	30.54	$\overline{24}$	32.276	179	41.83	$\overline{21}$	39.908	164	60.99	$\overline{24}$	23.81	67	96.11	$\underline{24}$
27	13.114	154	30.30	51	32.097	165	41.62	55	39.744	151	60.75	48	23.14	65	96.35	32
Nov. 6	12.960	131	29.79	75	31.932	144	41.07	87	39.593	129	60.27	71	22.49	61	96.03	88
16	12.829	104	29.04	100	31.788	116	40.20	117	39.464	101	59.56	93	21.88	57	95.15	144
26	12.725	70	28.04	121	31.672	83	39.03	145	39.363	68	58.63	114	21.31	49	93.71	195
Dez. 6	12.655	$\underline{34}$	26.83	140	31.589	45	37.58	169	39.295	$\underline{32}$	57.49	131	20.82	41	91.76	242
16	12.621	5	25.43	155	31.544	$\underline{7}$	35.89	189	39.263	6	56.18	144	20.41	31	89.34	282
26	12.626	43	23.88	163	31.537	34	34.00	202	39.269	45	54.74	152	20.10	20	86.52	311
36	12.669		22.25		31.571		31.98		39.314		53.22		19.90		83.41	
Mittl. Ort	10.157		12.99		29.352		21.86		36.701		43.30		24.17		68.40	
sec δ, tg δ	1.017		+0.184		1.054		+0.332		1.012		+0.153		2.938		+2.763	
a, a′	+2.9		+8.7		+2.7		+8.8		+2.9		+9.1		−0.2		+9.1	
b, b′	+0.01		+0.90		+0.01		+0.90		0.00		+0.89		+0.08		+0.89	

[1]) Die jährliche Parallaxe (0.″23) ist bereits berücksichtigt.

*) Bei Stern 745) und 747) lies Juli 20

Tag	749) β Aquilae AR.		749) β Aquilae Dekl.		748) ε Pavonis AR.		748) ε Pavonis Dekl.	
1935	$19^h 52^m$		+6° 14′		$19^h 53^m$		−73° 4′	
	s		″		s		″	
Jan. 1	6.773	65	33.44	142	4.41	10	72.89	306
11	6.838	101	32.02	142	4.51	24	69.83	312
21	6.939	134	30.60	134	4.75	37	66.71	308
31	7.073	165	29.26	120	5.12	49	63.63	299
Feb. 10	7.238	194	28.06	99	5.61	59	60.64	282
20	7.432	219	27.07	74	6.20	68	57.82	260
März 2	7.651	242	26.33	42	6.88	76	55.22	232
12	7.893	262	25.91	9	7.64	82	52.90	200
22	8.155	277	25.82	26	8.46	88	50.90	164
Apr. 1	8.432	291	26.08	63	9.34	90	49.26	126
11	8.723	299	26.71	96	10.24	92	48.00	86
21	9.022	301	27.67	126	11.16	92	47.14	44
Mai 1	9.323	300	28.93	153	12.08	91	46.70	1
11	9.623	292	30.46	175	12.99	87	46.69	42
21	9.915	276	32.21	190	13.86	82	47.11	83
31	10.191	256	34.11	200	14.68	75	47.94	123
Juni 10	10.447	229	36.11	205	15.43	66	49.17	158
20	10.676	196	38.16	203	16.09	55	50.75	191
30	10.872	159	40.19	196	16.64	44	52.66	216
Juli 10	11.031	118	42.15	186	17.08	30	54.82	236
20	11.149	74	44.01	172	17.38	16	57.18	248
29	11.223	29	45.73	154	17.54	3	59.66	252
Aug. 8	11.252	14	47.27	134	17.57	12	62.18	246
18	11.238	55	48.61	113	17.45	25	64.64	233
28	11.183	92	49.74	90	17.20	37	66.97	209
Sept. 7	11.091	123	50.64	68	16.83	49	69.06	177
17	10.968	145	51.32	45	16.34	56	70.83	138
27	10.823	161	51.77	22	15.78	63	72.21	92
Okt. 7	10.662	166	51.99	1	15.15	65	73.13	40
17	10.496	163	51.98	24	14.50	66	73.53	13
27	10.333	151	51.74	45	13.84	63	73.40	67
Nov. 6	10.182	130	51.29	67	13.21	57	72.73	120
16	10.052	103	50.62	86	12.64	48	71.53	169
26	9.949	71	49.76	105	12.16	38	69.84	212
Dez. 6	9.878	35	48.71	121	11.78	26	67.72	250
16	9.843	1	47.50	133	11.52	12	65.22	277
26	9.844	40	46.17	140	11.40	1	62.45	298
36	9.884		44.77		11.41		59.47	
Mittl. Ort	7.213		35.29		6.32		65.05	
sec δ, tg δ	1.006		+0.109		3.437		−3.288	
a, a'	+2.9		+9.4		+6.9		+9.5	
b, b'	0.00		+0.88		−0.10		+0.88	

Tag	750) ψ Cygni AR.		750) ψ Cygni Dekl.		751) ϑ¹ Sagittarii AR.		751) ϑ¹ Sagittarii Dekl.	
1935	$19^h 53^m$		+52° 15′		$19^h 55^m$		−35° 27′	
	s		″		s		″	
Jan. 1	55.163	19	59.70	313	30.174	87	19.65	109
11	55.144	44	56.57	321	30.261	132	18.56	117
21	55.188	107	53.36	318	30.393	173	17.39	122
31	55.295	168	50.18	302	30.566	210	16.17	125
Feb. 10	55.463	224	47.16	275	30.776	244	14.92	127
20	55.687	276	44.41	236	31.020	273	13.65	129
März 2	55.963	321	42.05	189	31.293	300	12.36	128
12	56.284	359	40.16	132	31.593	322	11.08	126
22	56.643	389	38.84	72	31.915	341	9.82	122
Apr. 1	57.032	407	38.12	9	32.256	355	8.60	117
11	57.439	417	38.03	54	32.611	365	7.43	109
21	57.856	417	38.57	114	32.976	370	6.34	97
Mai 1	58.273	404	39.71	171	33.346	368	5.37	85
11	58.677	383	41.42	222	33.714	361	4.52	68
21	59.060	351	43.64	265	34.075	344	3.84	50
31	59.411	310	46.29	301	34.419	321	3.34	30
Juni 10	59.721	261	49.30	326	34.740	291	3.04	9
20	59.982	206	52.56	345	35.031	252	2.95	12
30	60.188	145	56.01	354	35.283	208	3.07	33
Juli 10	60.333	82	59.55	353	35.491	160	3.40	50
20	60.415	17	63.08	346	35.651	106	3.90	67
29	60.432	48	66.54	331	35.757	51	4.57	79
Aug. 8	60.384	110	69.85	309	35.808	3	5.36	88
18	60.274	168	72.94	280	35.805	54	6.24	92
28	60.106	219	75.74	245	35.751	101	7.16	90
Sept. 7	59.887	263	78.19	206	35.650	141	8.06	83
17	59.624	297	80.25	163	35.509	172	8.89	74
27	59.327	320	81.88	115	35.337	192	9.63	58
Okt. 7	59.007	331	83.03	65	35.145	200	10.21	40
17	58.676	333	83.68	12	34.945	198	10.61	20
27	58.343	320	83.80	40	34.747	183	10.81	2
Nov. 6	58.023	298	83.40	94	34.564	159	10.79	24
16	57.725	266	82.46	145	34.405	124	10.55	45
26	57.459	223	81.01	194	34.281	84	10.10	63
Dez. 6	57.236	173	79.07	237	34.197	40	9.47	80
16	57.063	118	76.70	272	34.157	8	8.67	93
26	56.945	59	73.98	300	34.165	55	7.74	105
36	56.886		70.98		34.220		6.69	
Mittl. Ort	56.984		56.35		30.491		13.51	
sec δ, tg δ	1.634		+1.292		1.228		−0.712	
a, a'	+1.6		+9.6		+3.9		+9.7	
b, b'	+0.04		+0.88		−0.02		+0.88	

Tag	752) γ Sagittae				754) δ Pavonis				756) ϑ Aquilae				759) ϰ Cephei			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1935	$19^h 55^m$		+19° 18′		$20^h 2^m$		−66° 20′		$20^h 7^m$		−1° 0′		$20^h 10^m$		+77° 30′	
Jan. 1	$51^s.332$	48	51″.84	206	$20^s.90$	9	69″.03	274	$56^s.759$	56	58″.26	97	$59^s.63$	36	66″.56	307
11	51.380	87	49.78	208	20.99	18	66.29	283	56.815	91	59.23	93	59.27	18	63.49	325
21	51.467	122	47.70	201	21.17	27	63.46	284	56.906	124	60.16	87	59.09	—1	60.24	333
31	51.589	157	45.69	185	21.44	36	60.62	278	57.030	155	61.03	74	59.10	20	56.91	326
Feb. 10	51.746	188	43.84	162	21.80	43	57.84	266	57.185	183	61.77	56	59.30	39	53.65	308
20	51.934	217	42.22	129	22.23	49	55.18	249	57.368	209	62.33	35	59.69	57	50.57	276
März 2	52.151	243	40.93	92	22.72	56	52.69	227	57.577	233	62.68	9	60.26	72	47.81	234
12	52.394	265	40.01	50	23.28	60	50.42	201	57.810	254	62.77	—19	60.98	84	45.47	182
22	52.659	283	39.51	4	23.88	64	48.41	171	58.064	272	62.58	48	61.82	94	43.65	125
Apr. 1	52.942	297	39.47	—42	24.52	67	46.70	137	58.336	288	62.10	77	62.76	100	42.40	61
11	53.239	306	39.89	87	25.19	69	45.33	103	58.624	298	61.33	103	63.76	104	41.79	—2
21	53.545	309	40.76	129	25.88	69	44.30	64	58.922	304	60.30	128	64.80	103	41.81	66
Mai 1	53.854	306	42.05	166	26.57	69	43.66	25	59.226	305	59.02	147	65.83	99	42.47	127
11	54.160	297	43.71	199	27.26	66	43.41	—14	59.531	299	57.55	163	66.82	92	43.74	183
21	54.457	280	45.70	224	27.92	63	43.55	53	59.830	288	55.92	173	67.74	83	45.57	234
31	54.737	258	47.94	244	28.55	59	44.08	92	60.118	269	54.19	179	68.57	71	47.91	275
Juni 10	54.995	230	50.38	255	29.14	52	45.00	127	60.387	245	52.40	178	69.28	57	50.66	311
20	55.225	194	52.93	261	29.66	45	46.27	159	60.632	213	50.62	174	69.85	42	53.77	338
30	55.419	155	55.54	259	30.11	36	47.86	187	60.845	178	48.88	165	70.27	25	57.15	355
Juli 10	55.574	113	58.13	251	30.47	27	49.73	208	61.023	137	47.23	153	70.52	8	60.70	364
20	[22] 55.687	67	60.64	239	[23] 30.74	17	51.81	224	[25] 61.160	94	45.70	137	[26] 70.60	9	64.34	365
29	55.754	21	63.03	221	30.91	6	54.05	231	61.254	49	44.33	120	70.51	25	67.99	358
Aug. 8	55.775	—24	65.24	200	30.97	—4	56.36	230	61.303	5	43.13	101	70.26	42	71.57	343
18	55.751	66	67.24	174	30.93	14	58.66	221	61.308	—38	42.12	82	69.84	57	75.00	321
28	55.685	104	68.98	147	30.79	24	60.87	203	61.270	76	41.30	64	69.27	70	78.21	292
Sept. 7	55.581	135	70.45	117	30.55	31	62.90	177	61.194	108	40.66	44	68.57	82	81.13	258
17	55.446	160	71.62	86	30.24	38	64.67	143	61.086	134	40.22	26	67.75	92	83.71	217
27	55.286	175	72.48	53	29.86	43	66.10	102	60.952	150	39.96	10	66.83	99	85.88	172
Okt. 7	55.111	182	73.01	20	29.43	45	67.12	58	60.802	159	39.86	—7	65.84	105	87.60	122
17	54.929	180	73.21	—14	28.98	46	67.70	8	60.643	158	39.93	23	64.79	108	88.82	69
27	54.749	169	73.07	48	28.52	43	67.78	41	60.485	148	40.16	36	63.71	107	89.51	14
Nov. 6	54.580	149	72.59	81	28.09	40	67.37	91	60.337	130	40.52	51	62.64	104	89.65	—44
16	54.431	122	71.78	112	27.69	33	66.46	137	60.207	105	41.03	63	61.60	98	89.21	101
26	54.309	91	70.66	141	27.36	26	65.09	178	60.102	75	41.66	74	60.62	89	88.20	155
Dez. 6	54.218	56	69.25	166	27.10	18	63.31	215	60.027	41	42.40	85	59.73	78	86.65	207
16	54.162	17	67.59	187	26.92	8	61.16	244	59.986	6	43.25	92	58.95	63	84.58	252
26	54.145	—22	65.72	201	26.84	—2	58.72	265	59.980	—31	44.17	95	58.32	48	82.06	288
36	54.167		63.71		26.86		56.07		60.011		45.12		57.84		79.18	
Mittl. Ort	51.952		51.94		22.04		60.89		57.097		56.06		66.72		59.47	
sec δ, tg δ	1.060		+0.350		2.493		−2.284		1.000		−0.018		4.626		+4.517	
a, *a′*	+2.7		+9.7		+5.7		+10.2		+3.1		+10.6		−2.0		+10.9	
b, *b′*	+0.01		+0.87		−0.08		+ 0.86		0.00		+ 0.85		+0.16		+ 0.84	

Tag	757) o^1 Cygni sq.				760) 24 Vulpeculae				761) α^2 Capricorni				765) γ Cygni			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1935	$20^h\ 11^m$		$+46°\ 32'$		$20^h\ 13^m$		$+24°\ 27'$		$20^h\ 14^m$		$-12°\ 44'$		$20^h\ 19^m$		$+40°\ 2'$	
Jan. 1	33.663	22	40.40	291	59.510	24	72.82	221	26.735	57	54.87	27	52.584	13	56.15	271
11	33.641	32	37.49	303	59.534	62	70.61	226	26.792	93	55.14	20	52.571	34	53.44	281
21	33.673	86	34.46	302	59.596	101	68.35	222	26.885	126	55.34	13	52.605	82	50.63	282
31	33.759	139	31.44	290	59.697	137	66.13	208	27.011	157	55.47	2	52.687	128	47.81	271
Feb. 10	33.898	189	28.54	267	59.834	171	64.05	186	27.168	187	55.49	12	52.815	172	45.10	247
20	34.087	236	25.87	231	60.005	204	62.19	154	27.355	213	55.37	28	52.987	214	42.63	215
März 2	34.323	279	23.56	187	60.209	233	60.65	116	27.568	238	55.09	45	53.201	251	40.48	173
12	34.602	315	21.69	135	60.442	259	59.49	72	27.806	259	54.64	64	53.452	286	38.75	124
22	34.917	345	20.34	77	60.701	281	58.77	24	28.065	278	54.00	82	53.738	313	37.51	69
Apr. 1	35.262	366	19.57	17	60.982	299	58.53	24	28.343	295	53.18	100	54.051	335	36.82	11
11	35.628	381	19.40	44	61.281	311	58.77	73	28.638	306	52.18	115	54.386	350	36.71	46
21	36.009	384	19.84	103	61.592	317	59.50	120	28.944	314	51.03	128	54.736	357	37.17	102
Mai 1	36.393	380	20.87	158	61.909	316	60.70	162	29.258	316	49.75	136	55.093	355	38.19	155
11	36.773	366	22.45	208	62.225	310	62.32	199	29.574	312	48.39	141	55.448	346	39.74	202
21	37.139	342	24.53	252	62.535	295	64.31	229	29.886	301	46.98	141	55.794	326	41.76	244
31	37.481	309	27.05	286	62.830	273	66.60	253	30.187	285	45.57	137	56.120	300	44.20	276
Juni 10	37.790	269	29.91	315	63.103	245	69.13	270	30.472	259	44.20	130	56.420	265	46.96	302
20	38.059	223	33.06	333	63.348	211	71.83	279	30.731	229	42.90	117	56.685	225	49.98	320
30	38.282	169	36.39	343	63.559	171	74.62	281	30.960	194	41.73	104	56.910	178	53.18	329
Juli 10	38.451	114	39.82	345	63.730	127	77.43	277	31.154	152	40.69	88	57.088	127	56.47	330
20	38.565	54	43.27	340	63.857	81	80.20	266	31.306	108	39.81	72	57.215	74	59.77	324
29	[26] 38.619	4	46.67	327	[26] 63.938	34	82.86	250	[26] 31.414	62	39.09	53	[28] 57.289	20	63.01	312
Aug. 8	38.615	62	49.94	306	63.972	12	85.36	230	31.476	16	38.56	37	57.309	33	66.13	292
18	38.553	116	53.00	280	63.960	57	87.66	205	31.492	29	38.19	22	57.276	84	69.05	266
28	38.437	164	55.80	248	63.903	97	89.71	176	31.463	68	37.97	8	57.192	129	71.71	236
Sept. 7	38.273	207	58.28	212	63.806	131	91.47	146	31.395	104	37.89	4	57.063	169	74.07	201
17	38.066	240	60.40	170	63.675	159	92.93	112	31.291	130	37.93	13	56.894	201	76.08	162
27	37.826	264	62.10	126	63.516	177	94.05	77	31.161	150	38.06	20	56.693	223	77.70	121
Okt. 7	37.562	278	63.36	78	63.339	187	94.82	40	31.011	160	38.26	25	56.470	238	78.91	75
17	37.284	281	64.14	28	63.152	188	95.22	3	30.851	159	38.51	29	56.232	241	79.66	29
27	37.003	274	64.42	23	62.964	181	95.25	35	30.692	150	38.80	31	55.991	235	79.95	19
Nov. 6	36.729	256	64.19	74	62.783	163	94.90	72	30.542	132	39.11	32	55.756	219	79.76	67
16	36.473	230	63.45	124	62.620	141	94.18	108	30.410	107	39.43	33	55.537	197	79.09	114
26	36.243	195	62.21	171	62.479	112	93.10	141	30.303	77	39.76	33	55.340	165	77.95	158
Dez. 6	36.048	154	60.50	214	62.367	77	91.69	171	30.226	42	40.09	33	55.175	129	76.37	198
16	35.894	107	58.36	250	62.290	42	89.98	195	30.184	6	40.42	31	55.046	87	74.39	232
26	35.787	55	55.86	279	62.248	2	88.03	213	30.178	32	40.73	29	54.959	43	72.07	259
36	35.732		53.07		62.246		85.90		30.210		41.02		54.916		69.48	
Mittl. Ort	35.086		35.98		60.189		71.09		26.986		51.21		53.691		51.82	
sec δ, tg δ	1.454		+1.055		1.099		+0.455		1.025		−0.226		1.306		+0.841	
a, *a'*	+1.9		+10.9		+2.6		+11.1		+3.3		+11.1		+2.2		+11.5	
b, *b'*	+0.04		+ 0.84		+0.02		+ 0.83		−0.01		+ 0.83		+0.03		+ 0.82	

Scheinbare Sternörter 1935

Tag	764) α Pavonis AR.		764) α Pavonis Dekl.		767) ϑ Cephei AR.		767) ϑ Cephei Dekl.		768) ε Delphini AR.		768) ε Delphini Dekl.		770) 73 Draconis AR.		770) 73 Draconis Dekl.	
1935	$20^h 20^m$		$-56° 56'$		$20^h 28^m$		$+62° 46'$		$20^h 30^m$		$+11° 4'$		$20^h 32^m$		$+74° 43'$	
Jan. 1	30.480 s	49	50.52″	230	26.98 s	13	38.47″	300	6.044 s	25	52.64″	154	17.84 s	35	65.12″	293
11	30.529	117	48.22	244	26.85	6	35.47	320	6.069	60	51.10	155	17.49	19	62.19	318
21	30.646	180	45.78	250	26.79	3	32.27	328	6.129	93	49.55	150	17.30	5	59.01	330
31	30.826	242	43.28	251	26.82	12	28.99	323	6.222	126	48.05	139	17.25	11	55.71	330
Feb. 10	31.068	297	40.77	248	26.94	20	25.76	305	6.348	158	46.66	118	17.36	27	52.41	315
20	31.365	346	38.29	238	27.14	28	22.71	275	6.506	186	45.48	93	17.63	41	49.26	288
März 2	31.711	392	35.91	225	27.42	35	19.96	233	6.692	214	44.55	63	18.04	55	46.38	250
12	32.103	430	33.66	208	27.77	41	17.63	183	6.906	239	43.92	26	18.59	66	43.88	203
22	32.533	463	31.58	187	28.18	47	15.80	125	7.145	261	43.66	11	19.25	75	41.85	146
Apr. 1	32.996	489	29.71	162	28.65	50	14.55	63	7.406	280	43.77	50	20.00	81	40.39	86
11	33.485	509	28.09	135	29.15	53	13.92	1	7.686	295	44.27	88	20.81	86	39.53	22
21	33.994	519	26.74	105	29.68	53	13.93	64	7.981	304	45.15	123	21.67	86	39.31	43
Mai 1	34.513	521	25.69	72	30.21	53	14.57	126	8.285	307	46.38	156	22.53	86	39.74	104
11	35.034	513	24.97	37	30.74	51	15.83	182	8.592	305	47.94	182	23.39	81	40.78	163
21	35.547	494	24.60	2	31.25	47	17.65	233	8.897	295	49.76	203	24.20	74	42.41	215
31	36.041	464	24.58	34	31.72	42	19.98	277	9.192	278	51.79	219	24.94	66	44.56	262
Juni 10	36.505	424	24.92	68	32.14	37	22.75	312	9.470	255	53.98	228	25.60	55	47.18	300
20	36.929	372	25.60	100	32.51	30	25.87	340	9.725	225	56.26	231	26.15	44	50.18	330
30	37.301	312	26.60	130	32.81	22	29.27	357	9.950	189	58.57	227	26.59	31	53.48	353
Juli 10	37.613	243	27.90	154	33.03	14	32.84	368	10.139	150	60.84	220	26.90	17	57.01	366
20	37.856	169	29.44	174	33.17	6	36.52	369	10.289	107	63.04	208	27.07	3	60.67	371
29*)	[28] 38.025	90	31.18	189	33.23	3	40.21	361	10.396	61	65.12	191	27.10	11	64.38	367
Aug. 8	38.115	11	33.07	195	[30] 33.20	11	43.82	348	[30] 10.457	18	67.03	171	[31] 26.99	25	68.05	357
18	38.126	66	35.02	193	33.09	19	47.30	325	10.475	27	68.74	149	26.74	37	71.62	338
28	38.060	139	36.95	184	32.90	26	50.55	297	10.448	65	70.23	125	26.37	50	75.00	313
Sept. 7	37.921	202	38.79	167	32.64	32	53.52	262	10.383	100	71.48	100	25.87	60	78.13	280
17	37.719	254	40.46	142	32.32	38	56.14	222	10.283	129	72.48	74	25.27	68	80.93	243
27	37.465	293	41.88	111	31.94	41	58.36	177	10.154	148	73.22	48	24.59	77	83.36	199
Okt. 7	37.172	316	42.99	75	31.53	44	60.13	127	10.006	159	73.70	21	23.82	81	85.35	151
17	36.856	322	43.74	34	31.09	45	61.40	75	9.847	163	73.91	5	23.01	84	86.86	98
27	36.534	312	44.08	9	30.64	46	62.15	19	9.684	156	73.86	31	22.17	86	87.84	43
Nov. 6	36.222	286	43.99	52	30.18	44	62.34	38	9.528	143	73.55	56	21.31	84	88.27	15
16	35.936	245	43.47	93	29.74	41	61.96	94	9.385	122	72.99	81	20.47	80	88.12	73
26	35.691	195	42.54	133	29.33	37	61.02	149	9.263	96	72.18	103	19.67	74	87.39	130
Dez. 6	35.496	134	41.21	167	28.96	32	59.53	200	9.167	66	71.15	122	18.93	65	86.09	184
16	35.362	68	39.54	196	28.64	26	57.53	245	9.101	33	69.93	138	18.28	55	84.25	232
26	35.294	1	37.58	219	28.38	19	55.08	282	9.068	1	68.55	150	17.73	43	81.93	274
36	35.295		35.39		28.19		52.26		9.069		67.05		17.30		79.19	
Mittl. Ort	31.061		42.10		29.66		30.64		6.453		52.11		23.27		55.87	
sec δ, tg δ	1.833		−1.537		2.186		+1.944		1.019		+0.196		3.797		+3.663	
a, *a'*	+4.8		+11.5		+1.0		+12.1		+2.9		+12.2		−0.8		+12.4	
b, *b'*	−0.06		+ 0.82		+0.08		+ 0.80		+0.01		+ 0.79		+0.15		+ 0.79	

*) Bei Stern 767), 768) und 770) lies Juli 30

Tag	769) α Indi AR.	Δ	769) α Indi Dekl.	Δ	771) β Delphini AR.	Δ	771) β Delphini Dekl.	Δ
1935	20h 32m		−47° 30′		20h 34m		+14° 21′	
Jan. 1	59.785	37	79.11	180	29.605	18	65.68	168
11	59.822	89	77.31	195	29.623	53	64.00	171
21	59.911	140	75.36	204	29.676	87	62.29	167
31	60.051	187	73.32	211	29.763	120	60.62	155
Feb. 10	60.238	232	71.21	212	29.883	152	59.07	136
20	60.470	273	69.09	211	30.035	183	57.71	110
März 2	60.743	310	66.98	206	30.218	211	56.61	77
12	61.053	343	64.92	196	30.429	237	55.84	40
22	61.396	372	62.96	185	30.666	261	55.44	1
Apr. 1	61.768	397	61.11	170	30.927	280	55.43	41
11	62.165	416	59.41	151	31.207	296	55.84	82
21	62.581	428	57.90	128	31.503	306	56.66	119
Mai 1	63.009	434	56.62	104	31.809	310	57.85	155
11	63.443	432	55.58	76	32.119	307	59.40	184
21	63.875	420	54.82	47	32.426	298	61.24	209
31	64.295	398	54.35	15	32.724	281	63.33	226
Juni 10	64.693	369	54.20	15	33.005	258	65.59	239
20	65.062	328	54.35	46	33.263	229	67.98	243
30	65.390	281	54.81	75	33.492	192	70.41	243
Juli 10	65.671	226	55.56	101	33.684	153	72.84	236
20	65.897	165	56.57	123	33.837	109	75.20	225
30	66.062	101	57.80	141	33.946	64	77.45	208
Aug. 8	66.163	36	59.21	152	34.010	19	79.53	190
18	66.199	28	60.73	157	34.029	25	81.43	166
28	66.171	89	62.30	155	34.004	65	83.09	142
Sept. 7	66.082	141	63.85	146	33.939	100	84.51	116
17	65.941	187	65.31	131	33.839	128	85.67	88
27	65.754	219	66.62	108	33.711	150	86.55	60
Okt. 7	65.535	240	67.70	81	33.561	161	87.15	30
17	65.295	247	68.51	50	33.400	165	87.45	1
27	65.048	241	69.01	15	33.235	160	87.46	27
Nov. 6	64.807	222	69.16	20	33.075	147	87.19	55
16	64.585	192	68.96	55	32.928	128	86.64	83
26	64.393	151	68.41	89	32.800	102	85.81	109
Dez. 6	64.242	106	67.52	119	32.698	73	84.72	130
16	64.136	54	66.33	145	32.625	40	83.42	149
26	64.082	1	64.88	168	32.585	6	81.93	163
36	64.081		63.20		32.579		80.30	
Mittl. Ort	60.102		71.06		30.047		64.36	
sec δ, tg δ	1.481		−1.092		1.032		+0.256	
a, *a′*	+4.2		+12.4		+2.8		+12.5	
b, *b′*	−0.05		+ 0.79		+0.01		+ 0.78	

Tag	773) υ Capricorni AR.	Δ	773) υ Capricorni Dekl.	Δ	774) α Delphini AR.	Δ	774) α Delphini Dekl.	Δ
1935	20h 36m		−18° 21′		20h 36m		+15° 40′	
Jan. 1	20.946	38	71.87	10	36.677	15	55.34	173
11	20.984	73	71.77	19	36.692	49	53.61	176
21	21.057	108	71.58	29	36.741	84	51.85	174
31	21.165	139	71.29	40	36.825	117	50.11	161
Feb. 10	21.304	171	70.89	52	36.942	150	48.50	143
20	21.475	199	70.37	66	37.092	181	47.07	116
März 2	21.674	226	69.71	81	37.273	209	45.91	83
12	21.900	250	68.90	95	37.482	237	45.08	46
22	22.150	274	67.95	109	37.719	260	44.62	5
Apr. 1	22.424	292	66.86	122	37.979	280	44.57	37
11	22.716	309	65.64	132	38.259	297	44.94	78
21	23.025	320	64.32	139	38.556	306	45.72	118
Mai 1	23.345	325	62.93	142	38.862	311	46.90	154
11	23.670	325	61.51	140	39.173	309	48.44	185
21	23.995	318	60.11	136	39.482	299	50.29	210
31	24.313	303	58.75	127	39.781	283	52.39	230
Juni 10	24.616	281	57.48	115	40.064	260	54.69	242
20	24.897	253	56.33	100	40.324	229	57.11	248
30	25.150	217	55.33	82	40.553	194	59.59	249
Juli 10	25.367	177	54.51	63	40.747	154	62.08	243
20	25.544	133	53.88	44	40.901	110	64.51	231
30	25.677	86	53.44	24	41.011	66	66.82	216
Aug. 8	25.763	37	53.20	7	41.077	19	68.98	197
18	25.800	8	53.13	8	41.096	24	70.95	174
28	25.792	52	53.21	21	41.072	65	72.69	149
Sept. 7	25.740	90	53.42	31	41.007	99	74.18	122
17	25.650	120	53.73	38	40.908	129	75.40	94
27	25.530	144	54.11	41	40.779	149	76.34	64
Okt. 7	25.386	157	54.52	42	40.630	163	76.98	35
17	25.229	161	54.94	39	40.467	166	77.33	5
27	25.068	156	55.33	35	40.301	161	77.38	26
Nov. 6	24.912	141	55.68	30	40.140	150	77.12	55
16	24.771	119	55.98	23	39.990	130	76.57	83
26	24.652	92	56.21	17	39.860	105	75.74	109
Dez. 6	24.560	59	56.38	10	39.755	76	74.65	134
16	24.501	24	56.48	2	39.679	44	73.31	152
26	24.477	12	56.50	5	39.635	9	71.79	168
36	24.489		56.45		39.626		70.11	
Mittl. Ort	21.118		67.61		37.132		53.69	
sec δ, tg δ	1.054		−0.332		1.039		+0.281	
a, *a′*	+3.4		+12.6		+2.8		+12.7	
b, *b′*	−0.01		+ 0.78		+0.01		+ 0.78	

Tag	775) β Pavonis AR.		775) β Pavonis Dekl.		777) α Cygni AR.		777) α Cygni Dekl.		780) ε Cygni AR.		780) ε Cygni Dekl.		783) η Cephei AR.		783) η Cephei Dekl.	
1935	20h 39m		−66° 25′		20h 39m		+45° 2′		20h 43m		+33° 43′		20h 43m		+61° 34′	
Jan. 1	6.58	2	89.18	272	11.681	50	56.63	271	34.025	21	38.34	238	55.81	15	78.22	286
11	6.56	8	86.46	289	11.631	1	53.92	287	34.004	19	35.96	250	55.66	8	75.36	309
21	6.64	17	83.57	300	11.632	51	51.05	292	34.023	61	33.46	252	55.58	1	72.27	320
31	6.81	25	80.57	302	11.683	101	48.13	286	34.084	103	30.94	245	55.59	8	69.07	319
Feb. 10	7.06	34	77.55	297	11.784	153	45.27	267	34.187	142	28.49	226	55.67	17	65.88	304
20	7.40	41	74.58	287	11.937	200	42.60	238	34.329	182	26.23	197	55.84	24	62.84	278
März 2	7.81	47	71.71	271	12.137	245	40.22	198	34.511	219	24.26	160	56.08	32	60.06	240
12	8.28	53	69.00	249	12.382	285	38.24	150	34.730	253	22.66	116	56.40	38	57.66	192
22	8.81	59	66.51	223	12.667	320	36.74	97	34.983	282	21.50	66	56.78	44	55.74	136
Apr. 1	9.40	62	64.28	193	12.987	348	35.77	38	35.265	306	20.84	14	57.22	47	54.38	77
11	10.02	65	62.35	158	13.335	367	35.39	20	35.571	326	20.70	41	57.69	51	53.61	13
21	10.67	68	60.77	121	13.702	379	35.59	79	35.897	337	21.11	93	58.20	52	53.48	51
Mai 1	11.35	68	59.56	82	14.081	381	36.38	135	36.234	342	22.04	143	58.72	52	53.99	111
11	12.03	67	58.74	40	14.462	374	37.73	186	36.576	338	23.47	187	59.24	50	55.10	170
21	12.70	66	58.34	2	14.836	356	39.59	231	36.914	326	25.34	227	59.74	48	56.80	221
31	13.36	61	58.36	44	15.192	330	41.90	270	37.240	305	27.61	259	60.22	43	59.01	267
Juni 10	13.97	57	58.80	85	15.522	296	44.60	300	37.545	279	30.20	284	60.65	38	61.68	305
20	14.54	50	59.65	123	15.818	254	47.60	323	37.824	243	33.04	302	61.03	32	64.73	334
30	15.04	43	60.88	157	16.072	205	50.83	337	38.067	203	36.06	311	61.35	25	68.07	356
Juli 10	15.47	34	62.45	187	16.277	151	54.20	343	38.270	157	39.17	314	61.60	17	71.63	367
20	15.81	24	64.32	211	16.428	96	57.63	341	38.427	109	42.31	309	61.77	9	75.30	372
30	16.05	14	66.43	226	16.524	38	61.04	332	38.536	58	45.40	297	61.86	1	79.02	368
Aug. 8	[2] 16.19	3	68.69	234	[2] 16.562	19	64.36	316	[3] 38.594	8	48.37	281	[3] 61.87	7	82.70	356
18	16.22	8	71.03	233	16.543	74	67.52	294	38.602	41	51.18	257	61.80	14	86.26	336
28	16.14	17	73.36	223	16.469	124	70.46	265	38.561	85	53.75	230	61.66	22	89.62	311
Sept. 7	15.97	27	75.59	205	16.345	169	73.11	232	38.476	125	56.05	199	61.44	28	92.73	278
17	15.70	34	77.64	176	16.176	205	75.43	194	38.351	158	58.04	164	61.16	33	95.51	239
27	15.36	39	79.40	141	15.971	233	77.37	152	38.193	182	59.68	125	60.83	38	97.90	197
Okt. 7	14.97	45	80.81	99	15.738	252	78.89	106	38.011	199	60.93	85	60.45	40	99.87	148
17	14.52	46	81.80	52	15.486	261	79.95	58	37.812	205	61.78	43	60.05	43	101.35	97
27	14.06	45	82.32	1	15.225	260	80.53	9	37.607	204	62.21	1	59.62	42	102.32	42
Nov. 6	13.61	44	82.33	50	14.965	248	80.62	42	37.403	193	62.20	45	59.20	42	102.74	15
16	13.17	38	81.83	100	14.717	228	80.20	93	37.210	175	61.75	89	58.78	40	102.59	72
26	12.79	33	80.83	148	14.489	201	79.27	140	37.035	151	60.86	129	58.38	36	101.87	127
Dez. 6	12.46	26	79.35	190	14.288	166	77.87	185	36.884	120	59.57	167	58.02	32	100.60	180
16	12.20	17	77.45	227	14.122	126	76.02	225	36.764	85	57.90	199	57.70	26	98.80	227
26	12.03	8	75.18	257	13.996	80	73.77	255	36.679	48	55.91	226	57.44	19	96.53	266
36	11.95		72.61		13.916		71.22		36.631		53.65		57.25		93.87	
Mittl. Ort	7.48		79.53		12.925		49.94		34.838		33.09		58.24		68.95	
sec δ, tg δ	2.502		−2.293		1.415		+1.002		1.202		+0.668		2.101		+1.848	
a, *a′*	+5.4		+12.8		+2.0		+12.8		+2.4		+13.1		+1.2		+13.1	
b, *b′*	−0.10		+ 0.77		+0.04		+ 0.77		+0.03		+ 0.76		+0.08		+ 0.75	

Tag	781) ε Aquarii AR.	Δ	Dekl.	Δ	784) λ Cygni AR.	Δ	Dekl.	Δ
1935	20h 44m		−9° 43′		20h 44m		+36° 14′	
Jan. 1	9.341	28	68.09	39	51.658	29	69.60	245
11	9.369	61	68.48	33	51.629	13	67.15	259
21	9.430	93	68.81	24	51.642	56	64.56	263
31	9.523	125	69.05	11	51.698	99	61.93	255
Feb. 10	9.648	155	69.16	3	51.797	141	59.38	236
20	9.803	183	69.13	21	51.938	182	57.02	209
März 2	9.986	210	68.92	41	52.120	220	54.93	171
12	10.196	235	68.51	62	52.340	256	53.22	126
22	10.431	258	67.89	84	52.596	286	51.96	76
Apr. 1	10.689	279	67.05	104	52.882	313	51.20	21
11	10.968	295	66.01	123	53.195	331	50.99	33
21	11.263	307	64.78	139	53.526	344	51.32	87
Mai 1	11.570	314	63.39	151	53.870	348	52.19	139
11	11.884	315	61.88	158	54.218	345	53.58	185
21	12.199	309	60.30	162	54.563	331	55.43	226
31	12.508	295	58.68	160	54.894	312	57.69	261
Juni 10	12.803	275	57.08	154	55.206	282	60.30	286
20	13.078	248	55.54	143	55.488	246	63.16	306
30	13.326	214	54.11	131	55.734	205	66.22	317
Juli 10	13.540	176	52.80	114	55.939	158	69.39	321
20	13.716	133	51.66	97	56.097	108	72.60	316
30	13.849	88	50.69	77	56.205	56	75.76	306
Aug. 8	[3] 13.937	42	49.92	59	[3] 56.261	5	78.82	290
18	13.979	2	49.33	40	56.266	44	81.72	267
28	13.977	44	48.93	22	56.222	91	84.39	239
Sept. 7	13.933	82	48.71	8	56.131	131	86.78	208
17	13.851	111	48.63	5	56.000	165	88.86	172
27	13.740	134	48.68	17	55.835	191	90.58	133
Okt. 7	13.606	148	48.85	25	55.644	207	91.91	92
17	13.458	153	49.10	32	55.437	215	92.83	47
27	13.305	148	49.42	37	55.222	214	93.30	3
Nov. 6	13.157	137	49.79	40	55.008	204	93.33	43
16	13.020	117	50.19	43	54.804	185	92.90	88
26	12.903	91	50.62	45	54.619	161	92.02	131
Dez. 6	12.812	63	51.07	45	54.458	130	90.71	170
16	12.749	30	51.52	45	54.328	95	89.01	205
26	12.719	3	51.97	42	54.233	57	86.96	233
36	12.722		52.39		54.176		84.63	
Mittl. Ort	9.523		65.41		52.542		63.83	
sec δ, tg δ	1.015		−0.172		1.240		+0.733	
a, *a′*	+3.2		+13.2		+2.3		+13.2	
b, *b′*	−0.01		+0.75		+0.03		+0.75	

Tag	785) β Indi AR.	Δ	Dekl.	Δ	786) 32 Vulpeculae AR.	Δ	Dekl.	Δ
1935	20h 49m		−58° 41′		20h 51m		+27° 48′	
Jan. 1	44.059	10	72.92	233	46.711	17	38.90	214
11	44.049	59	70.59	253	46.694	20	36.76	225
21	44.108	126	68.06	266	46.714	57	34.51	227
31	44.234	191	65.40	273	46.771	95	32.24	219
Feb. 10	44.425	251	62.67	273	46.866	133	30.05	201
20	44.676	308	59.94	269	46.999	169	28.04	175
März 2	44.984	359	57.25	259	47.168	204	26.29	140
12	45.343	406	54.66	243	47.372	236	24.89	98
22	45.749	447	52.23	225	47.608	264	23.91	52
Apr. 1	46.196	482	49.98	201	47.872	290	23.39	3
11	46.678	510	47.97	173	48.162	308	23.36	47
21	47.188	529	46.24	143	48.470	322	23.83	96
Mai 1	47.717	538	44.81	108	48.792	328	24.79	142
11	48.255	539	43.73	72	49.120	327	26.21	182
21	48.794	526	43.01	33	49.447	318	28.03	219
31	49.320	504	42.68	6	49.765	301	30.22	247
Juni 10	49.824	467	42.74	44	50.066	277	32.69	270
20	50.291	421	43.18	81	50.343	245	35.39	285
30	50.712	363	43.99	116	50.588	209	38.24	292
Juli 10	51.075	295	45.15	147	50.797	165	41.16	293
20	51.370	221	46.62	172	50.962	120	44.09	287
30	51.591	140	48.34	192	51.082	72	46.96	275
Aug. 8	[4] 51.731	57	50.26	204	[5] 51.154	24	49.71	258
18	51.788	25	52.30	209	51.178	23	52.29	236
28	51.763	105	54.39	205	51.155	67	54.65	210
Sept. 7	51.658	175	56.44	192	51.088	105	56.75	180
17	51.483	238	58.36	171	50.983	136	58.55	147
27	51.245	286	60.07	143	50.847	162	60.02	112
Okt. 7	50.959	319	61.50	108	50.685	177	61.14	76
17	50.640	336	62.58	67	50.508	185	61.90	36
27	50.304	336	63.25	23	50.323	185	62.26	2
Nov. 6	49.968	319	63.48	23	50.138	174	62.24	43
16	49.649	287	63.25	68	49.964	159	61.81	81
26	49.362	243	62.57	112	49.805	136	61.00	118
Dez. 6	49.119	187	61.45	152	49.669	109	59.82	151
16	48.932	126	59.93	188	49.560	76	58.31	181
26	48.806	58	58.05	218	49.484	42	56.50	204
36	48.748		55.87		49.442		54.46	
Mittl. Ort	44.539		63.39		47.342		34.12	
sec δ, tg δ	1.925		−1.645		1.131		+0.527	
a, *a′*	+4.7		+13.5		+2.6		+13.7	
b, *b′*	−0.07		+0.74		+0.02		+0.73	

Tag	788) ν Cygni AR.		788) ν Cygni Dekl.		790) ζ Microscopii AR.		790) ζ Microscopii Dekl.	
1935	20ʰ 54ᵐ		+40° 54′		20ʰ 58ᵐ		−38° 52′	
	s		″		s		″	
Jan. 1	43.932	52	64.94	251	48.928	9	79.71	127
11	43.880	8	62.43	268	48.937	53	78.44	145
21	43.872	38	59.75	275	48.990	94	76.99	159
31	43.910	84	57.00	271	49.084	134	75.40	171
Feb. 10	43.994	131	54.29	255	49.218	173	73.69	180
20	44.125	176	51.74	228	49.391	210	71.89	186
März 2	44.301	218	49.46	192	49.601	245	70.03	190
12	44.519	259	47.54	147	49.846	277	68.13	190
22	44.778	293	46.07	97	50.123	306	66.23	187
Apr. 1	45.071	323	45.10	41	50.429	333	64.36	182
11	45.394	345	44.69	15	50.762	355	62.54	172
21	45.739	359	44.84	72	51.117	372	60.82	159
Mai 1	46.098	366	45.56	126	51.489	382	59.23	142
11	46.464	362	46.82	176	51.871	386	57.81	121
21	46.826	351	48.58	220	52.257	381	56.60	98
31	47.177	330	50.78	258	52.638	368	55.62	72
Juni 10	47.507	300	53.36	289	53.006	345	54.90	43
20	47.807	264	56.25	311	53.351	315	54.47	15
30	48.071	219	59.36	325	53.666	276	54.32	14
Juli 10	48.290	171	62.61	333	53.942	231	54.46	43
20	48.461	119	65.94	332	54.173	179	54.89	67
30	48.580	64	69.26	324	54.352	124	55.56	90
Aug. 8	6 48.644	10	72.50	309	7 54.476	67	56.46	108
18	48.654	43	75.59	289	54.543	10	57.54	120
28	48.611	91	78.48	261	54.553	45	58.74	127
Sept. 7	48.520	135	81.09	231	54.508	93	60.01	128
17	48.385	171	83.40	195	54.415	136	61.29	122
27	48.214	201	85.35	155	54.279	168	62.51	110
Okt. 7	48.013	220	86.90	112	54.111	191	63.61	92
17	47.793	231	88.02	67	53.920	201	64.53	71
27	47.562	232	88.69	20	53.719	201	65.24	45
Nov. 6	47.330	224	88.89	29	53.518	189	65.69	18
16	47.106	208	88.60	77	53.329	169	65.87	11
26	46.898	185	87.83	123	53.160	139	65.76	40
Dez. 6	46.713	155	86.60	166	53.021	104	65.36	67
16	46.558	119	84.94	205	52.917	64	64.69	92
26	46.439	81	82.89	236	52.853	22	63.77	114
36	46.358		80.53		52.831		62.63	
Mittl. Ort	44.935		57.62		49.052		72.20	
sec δ, tg δ	1.323		+0.867		1.285		−0.807	
a, *a′*	+2.2		+13.8		+3.8		+14.1	
b, *b′*	+0.04		+ 0.72		−0.04		+ 0.71	

Tag	793) 61 Cygni pr.[1] AR.		793) 61 Cygni pr.[1] Dekl.		794) ν Aquarii AR.		794) ν Aquarii Dekl.	
1935	21ʰ 3ᵐ		+38° 25′		21ʰ 6ᵐ		−11° 37′	
	s		″		s		″	
Jan. 1	57.992	41	51.32	231	3.240	8	71.98	26
11	57.951	1	49.01	248	3.248	40	72.24	18
21	57.952	45	46.53	254	3.288	73	72.42	7
31	57.997	89	43.99	251	3.361	103	72.49	5
Feb. 10	58.086	133	41.48	235	3.464	134	72.44	21
20	58.219	176	39.13	210	3.598	163	72.23	38
März 2	58.395	217	37.03	174	3.761	193	71.85	58
12	58.612	257	35.29	131	3.954	219	71.27	77
22	58.869	291	33.98	82	4.173	246	70.50	98
Apr. 1	59.160	320	33.16	28	4.419	269	69.52	117
11	59.480	343	32.88	27	4.688	289	68.35	134
21	59.823	360	33.15	82	4.977	304	67.01	149
Mai 1	60.183	366	33.97	134	5.281	315	65.52	158
11	60.549	366	35.31	183	5.596	319	63.94	165
21	60.915	355	37.14	227	5.915	317	62.29	166
31	61.270	337	39.41	263	6.232	306	60.63	163
Juni 10	61.607	310	42.04	293	6.538	289	59.00	155
20	61.917	274	44.97	314	6.827	265	57.45	144
30	62.191	234	48.11	329	7.092	233	56.01	129
Juli 10	62.425	187	51.40	335	7.325	196	54.72	112
20	62.612	136	54.75	334	7.521	155	53.60	90
30	62.748	84	58.09	326	7.676	109	52.70	71
Aug. 8	8 62.832	31	61.35	311	8 7.785	64	51.99	51
18	62.863	20	64.46	290	7.849	18	51.48	31
28	62.843	68	67.36	265	7.867	24	51.17	13
Sept. 7	62.775	111	70.01	234	7.843	64	51.04	2
17	62.664	146	72.35	199	7.779	96	51.06	16
27	62.518	175	74.34	160	7.683	122	51.22	26
Okt. 7	62.343	196	75.94	119	7.561	139	51.48	34
17	62.147	206	77.13	75	7.422	148	51.82	38
27	61.941	208	77.88	30	7.274	147	52.20	42
Nov. 6	61.733	201	78.18	18	7.127	139	52.62	44
16	61.532	186	78.00	63	6.988	123	53.06	43
26	61.346	165	77.37	108	6.865	101	53.49	41
Dez. 6	61.181	137	76.29	149	6.764	75	53.90	39
16	61.044	104	74.80	186	6.689	46	54.29	36
26	60.940	67	72.94	217	6.643	14	54.65	30
36	60.873		70.77		6.629		54.95	
Mittl. Ort	58.876		43.94		3.338		69.34	
sec δ, tg δ	1.277		+0.793		1.021		−0.206	
a, *a′*	+2.3		+14.4		+3.3		+14.5	
b, *b′*	+0.04		+ 0.69		−0.01		+ 0.69	

[1]) Die jährliche Parallaxe (0.″30) ist bereits berücksichtigt.

Tag	795) Br 2777 AR.	Δ	795) Br 2777 Dekl.	Δ	797) ζ Cygni AR.	Δ	797) ζ Cygni Dekl.	Δ
1935	$21^h\ 6^m$		$+77°\ 51'$		$21^h\ 10^m$		$+29°\ 57'$	
	s		"		s		"	
Jan. 1	43.57	59	60.74	260	9.516	38	40.23	212
11	42.98	41	58.14	293	9.478	2	38.11	225
21	42.57	23	55.21	317	9.476	35	35.86	230
31	42.34	3	52.04	325	9.511	74	33.56	226
Feb. 10	42.31	16	48.79	322	9.585	113	31.30	210
20	42.47	36	45.57	305	9.698	151	29.20	187
März 2	42.83	54	42.52	277	9.849	188	27.33	153
12	43.37	70	39.75	236	10.037	223	25.80	114
22	44.07	84	37.39	187	10.260	255	24.66	69
Apr. 1	44.91	94	35.52	131	10.515	284	23.97	20
11	45.85	103	34.21	71	10.799	307	23.77	31
21	46.88	106	33.50	7	11.106	322	24.08	81
Mai 1	47.94	107	33.43	55	11.428	335	24.89	128
11	49.01	104	33.98	115	11.763	335	26.17	172
21	50.05	99	35.13	172	12.098	329	27.89	209
31	51.04	90	36.85	223	12.427	315	29.98	242
Juni 10	51.94	79	39.08	268	12.742	293	32.40	267
20	52.73	65	41.76	305	13.035	263	35.07	285
30	53.38	51	44.81	335	13.298	227	37.92	296
Juli 10	53.89	34	48.16	356	13.525	185	40.88	300
20	54.23	18	51.72	370	13.710	139	43.88	297
30	54.41	1	55.42	374	13.849	91	46.85	287
Aug. 9	54.42	17	59.16	372	13.940	43	49.72	272
18	[9] 54.25	32	62.88	361	[10] 13.983	6	52.44	252
28	53.93	49	66.49	343	13.977	50	54.96	228
Sept. 7	53.44	62	69.92	318	13.927	91	57.24	198
17	52.82	75	73.10	286	13.836	125	59.22	167
27	52.07	86	75.96	248	13.711	152	60.89	131
Okt. 7	51.21	94	78.44	204	13.559	172	62.20	95
17	50.27	101	80.48	155	13.387	183	63.15	55
27	49.26	105	82.03	101	13.204	185	63.70	15
Nov. 6	48.21	106	83.04	44	13.019	179	63.85	25
16	47.15	103	83.48	15	12.840	167	63.60	66
26	46.12	99	83.33	75	12.673	147	62.94	105
Dez. 6	45.13	92	82.58	133	12.526	123	61.89	141
16	44.21	80	81.25	187	12.403	94	60.48	173
26	43.41	68	79.38	234	12.309	62	58.75	199
36	42.73		77.04		12.247		56.76	
Mittl. Ort	50.07		47.68		10.120		33.80	
sec δ, tg δ	4.756		+4.650		1.154		+0.576	
a, *a'*	−1.2		+14.6		+2.6		+14.8	
b, *b'*	+0.23		+ 0.69		+0.03		+ 0.67	

Tag	800) α Equulei AR.	Δ	800) α Equulei Dekl.	Δ	803) α Cephei AR.	Δ	803) α Cephei Dekl.	Δ
1935	$21^h\ 12^m$		$+4°\ 58'$		$21^h\ 16^m$		$+62°\ 18'$	
	s		"		s		"	
Jan. 1	34.311	6	42.19	110	59.51	21	47.37	260
11	34.305	25	41.09	111	59.30	14	44.77	290
21	34.330	56	39.98	105	59.16	6	41.87	310
31	34.386	88	38.93	95	59.10	2	38.77	317
Feb. 10	34.474	117	37.98	79	59.12	10	35.60	311
20	34.591	149	37.19	57	59.22	19	32.49	293
März 2	34.740	178	36.62	31	59.41	27	29.56	263
12	34.918	207	36.31	1	59.68	33	26.93	221
22	35.125	234	36.30	31	60.01	41	24.72	171
Apr. 1	35.359	259	36.61	64	60.42	45	23.01	116
11	35.618	279	37.25	96	60.87	50	21.85	54
21	35.897	296	38.21	126	61.37	53	21.31	8
Mai 1	36.193	306	39.47	153	61.90	53	21.39	70
11	36.499	312	41.00	175	62.43	54	22.09	129
21	36.811	308	42.75	193	62.97	51	23.38	184
31	37.119	299	44.68	204	63.48	49	25.22	234
Juni 10	37.418	282	46.72	211	63.97	43	27.56	277
20	37.700	257	48.83	211	64.40	38	30.33	312
30	37.957	226	50.94	207	64.78	32	33.45	340
Juli 10	38.183	191	53.01	198	65.10	24	36.85	359
20	38.374	149	54.99	184	65.34	16	40.44	369
30	38.523	107	56.83	167	65.50	9	44.13	372
Aug. 9	38.630	62	58.50	149	65.59	0	47.85	367
18	[10] 38.692	18	59.99	127	[11] 65.59	8	51.52	354
28	38.710	24	61.26	104	65.51	16	55.06	333
Sept. 7	38.686	61	62.30	82	65.35	22	58.39	306
17	38.625	93	63.12	60	65.13	28	61.45	273
27	38.532	118	63.72	37	64.85	34	64.18	234
Okt. 7	38.414	135	64.09	16	64.51	38	66.52	190
17	38.279	145	64.25	5	64.13	40	68.42	139
27	38.134	145	64.20	24	63.73	42	69.81	87
Nov. 6	37.989	139	63.96	43	63.31	42	70.68	31
16	37.850	125	63.53	60	62.89	41	70.99	27
26	37.725	106	62.93	76	62.48	39	70.72	84
Dez. 6	37.619	83	62.17	90	62.09	35	69.88	140
16	37.536	56	61.27	100	61.74	30	68.48	191
26	37.480	27	60.27	108	61.44	25	66.57	236
36	37.453		59.19		61.19		64.21	
Mittl. Ort	34.508		41.07		61.76		34.86	
sec δ, tg δ	1.004		+0.087		2.152		+1.905	
a, *a'*	+3.0		+14.9		+1.4		+15.2	
b, *b'*	0.00		+ 0.67		+0.10		+ 0.65	

Tag	804) ι Pegasi				805) γ Pavonis				806) ζ Capricorni				809) β Cephei			
	AR.	Δ	Dekl.	Δ	AR.	Δ	Dekl.	Δ	AR.	Δ	Dekl.	Δ	AR.	Δ	Dekl.	Δ
1935	21h 19m		+19° 31′		21h 21m		−65° 39′		21h 22m		−22° 41′		21h 27m		+70° 16′	
Jan. 1	4.425	27	36.26	170	5.00	11	53.91	255	57.578	7	43.11	35	46.38	36	44.84	247
11	4.398	5	34.56	179	4.89	3	51.36	281	57.571	26	42.76	49	46.02	26	42.37	283
21	4.403	38	32.77	180	4.86	6	48.55	301	57.597	58	42.27	64	45.76	16	39.54	309
31	4.441	72	30.97	173	4.92	14	45.54	313	57.655	92	41.63	79	45.60	4	36.45	320
Feb. 10	4.513	106	29.24	159	5.06	21	42.41	318	57.747	124	40.84	93	45.56	8	33.25	321
20	4.619	140	27.65	136	5.27	30	39.23	317	57.871	155	39.91	108	45.64	20	30.04	307
März 2	4.759	174	26.29	106	5.57	36	36.06	308	58.026	187	38.83	123	45.84	31	26.97	282
12	4.933	206	25.23	71	5.93	44	32.98	293	58.213	217	37.60	136	46.15	42	24.15	244
22	5.139	236	24.52	30	6.37	49	30.05	273	58.430	246	36.24	148	46.57	51	21.71	197
Apr. 1	5.375	263	24.22	12	6.86	54	27.32	247	58.676	272	34.76	159	47.08	58	19.74	143
11	5.638	286	24.34	55	7.40	59	24.85	218	58.948	295	33.17	165	47.66	65	18.31	83
21	5.924	304	24.89	97	7.99	62	22.67	182	59.243	315	31.52	169	48.31	68	17.48	21
Mai 1	6.228	315	25.86	137	8.61	64	20.85	144	59.558	328	29.83	168	48.99	71	17.27	41
11	6.543	321	27.23	173	9.25	65	19.41	102	59.886	336	28.15	164	49.70	70	17.68	103
21	6.864	317	28.96	203	9.90	65	18.39	59	60.222	336	26.51	154	50.40	68	18.71	160
31	7.181	307	30.99	228	10.55	63	17.80	14	60.558	329	24.97	142	51.08	63	20.31	213
Juni 10	7.488	289	33.27	247	11.18	59	17.66	31	60.887	313	23.55	124	51.71	58	22.44	259
20	7.777	262	35.74	258	11.77	54	17.97	74	61.200	290	22.31	104	52.29	50	25.03	299
30	8.039	230	38.32	263	12.31	49	18.71	116	61.490	259	21.27	82	52.79	42	28.02	330
Juli 10	8.269	193	40.95	262	12.80	40	19.87	153	61.749	223	20.45	57	53.21	32	31.32	355
20	8.462	151	43.57	256	13.20	32	21.40	184	61.972	180	19.88	34	53.53	21	34.87	369
30	8.613	106	46.13	243	13.52	22	23.24	211	62.152	133	19.54	10	53.74	10	38.56	377
Aug. 9	8.719	60	48.56	227	13.74	12	25.35	228	62.285	86	19.44	12	53.84	0	42.33	377
18	[12]8.779	15	50.83	206	[12]13.86	2	27.63	237	[13]62.371	37	19.56	32	[14]53.84	11	46.10	368
28	8.794	28	52.89	182	13.88	8	30.00	238	62.408	11	19.88	48	53.73	21	49.78	351
Sept. 7	8.766	67	54.71	156	13.80	18	32.38	229	62.397	52	20.36	60	53.52	30	53.29	329
17	8.699	100	56.27	128	13.62	26	34.67	209	62.345	90	20.96	68	53.22	39	56.58	298
27	8.599	126	57.55	98	13.36	34	36.76	181	62.255	120	21.64	71	52.83	46	59.56	261
Okt. 7	8.473	145	58.53	66	13.02	39	38.57	145	62.135	141	22.35	70	52.37	52	62.17	218
17	8.328	156	59.19	35	12.63	42	40.02	102	61.994	154	23.05	65	51.85	57	64.35	171
27	8.172	159	59.54	2	12.21	44	41.04	53	61.840	156	23.70	57	51.28	59	66.06	118
Nov. 6	8.013	154	59.56	30	11.77	44	41.57	2	61.684	151	24.27	46	50.69	61	67.24	61
16	7.859	143	59.26	61	11.33	41	41.59	50	61.533	137	24.73	33	50.08	61	67.85	2
26	7.716	125	58.65	91	10.92	37	41.09	102	61.396	116	25.06	20	49.47	58	67.87	57
Dez. 6	7.591	103	57.74	118	10.55	31	40.07	151	61.280	92	25.26	5	48.89	54	67.30	117
16	7.488	77	56.56	143	10.24	24	38.56	195	61.188	63	25.31	10	48.35	48	66.13	171
26	7.411	48	55.13	161	10.00	17	36.61	233	61.125	31	25.21	25	47.87	41	64.42	221
36	7.363		53.52		9.83		34.28		61.094		24.96		47.46		62.21	
Mittl. Ort	4.785		31.54		5.53		42.88		57.576		38.36		49.77		30.40	
sec δ, tg δ	1.061		+0.355		2.426		−2.211		1.084		−0.418		2.963		+2.789	
a, *a′*	+2.8		+15.3		+5.0		+15.4		+3.4		+15.5		+0.8		+15.8	
b, *b′*	+0.02		+ 0.65		−0.11		+ 0.64		−0.02		+ 0.63		+0.15		+ 0.62	

Tag	808) β Aquarii				810) ν Octantis				811) 74 Cygni				815) ε Pegasi			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1935	21h 28m		−5° 51′		21h 34m		−77° 40′		21h 34m		+40° 7′		21h 40m		+9° 34′	
Jan. 1	8.254	12	29.97	53	17.69	37	62.21	290	19.744	87	24.92	220	59.467	32	37.26	121
11	8.242	17	30.50	48	17.32	21	59.31	320	19.657	49	22.72	244	59.435	3	36.05	125
21	8.259	47	30.98	38	17.11	4	56.11	342	19.608	8	20.28	257	59.432	25	34.80	123
31	8.306	77	31.36	26	17.07	12	52.69	354	19.600	37	17.71	259	59.457	56	33.57	115
Feb. 10	8.383	108	31.62	10	17.19	29	49.15	359	19.637	81	15.12	251	59.513	88	32.42	101
20	8.491	138	31.72	9	17.48	44	45.56	355	19.718	128	12.61	232	59.601	119	31.41	80
März 2	8.629	167	31.63	31	17.92	59	42.01	342	19.846	173	10.29	202	59.720	151	30.61	55
12	8.796	197	31.32	55	18.51	72	38.59	324	20.019	218	8.27	164	59.871	184	30.06	24
22	8.993	226	30.77	79	19.23	84	35.35	298	20.237	258	6.63	119	60.055	214	29.82	9
Apr. 1	9.219	251	29.98	103	20.07	95	32.37	267	20.495	294	5.44	69	60.269	242	29.91	44
11	9.470	274	28.95	126	21.02	103	29.70	230	20.789	325	4.75	14	60.511	268	30.35	79
21	9.744	294	27.69	146	22.05	110	27.40	189	21.114	348	4.61	40	60.779	289	31.14	114
Mai 1	10.038	306	26.23	163	23.15	114	25.51	145	21.462	363	5.01	93	61.068	304	32.28	144
11	10.344	315	24.60	175	24.29	116	24.06	96	21.825	369	5.94	145	61.372	313	33.72	172
21	10.659	315	22.85	182	25.45	116	23.10	46	22.194	365	7.39	190	61.685	315	35.44	195
31	10.974	308	21.03	185	26.61	113	22.64	4	22.559	352	9.29	232	62.000	309	37.39	211
Juni 10	11.282	294	19.18	181	27.74	106	22.68	54	22.911	331	11.61	265	62.309	295	39.50	222
20	11.576	273	17.37	175	28.80	99	23.22	103	23.242	300	14.26	293	62.604	275	41.72	229
30	11.849	243	15.62	163	29.79	87	24.25	147	23.542	263	17.19	312	62.879	246	44.01	227
Juli 10	12.092	210	13.99	148	30.66	73	25.72	188	23.805	218	20.31	324	63.125	213	46.28	222
20	12.302	169	12.51	129	31.39	58	27.60	223	24.023	169	23.55	329	63.338	174	48.50	211
30	12.471	127	11.22	110	31.97	40	29.83	249	24.192	117	26.84	326	63.512	131	50.61	197
Aug. 9	12.598	82	10.12	89	32.37	22	32.32	268	24.309	64	30.10	316	63.643	87	52.58	179
18	[14] 12.680	37	9.23	67	[16] 32.59	3	35.00	277	[16] 24.373	12	33.26	301	[17] 63.730	44	54.37	158
28	12.717	5	8.56	47	32.62	16	37.77	276	24.385	39	36.27	279	63.774	0	55.95	136
Sept. 7	12.712	45	8.09	27	32.46	35	40.53	264	24.346	85	39.06	253	63.774	38	57.31	112
17	12.667	78	7.82	10	32.11	52	43.17	241	24.261	126	41.59	221	63.736	72	58.43	87
27	12.589	106	7.72	6	31.59	66	45.58	209	24.135	159	43.80	185	63.664	100	59.30	62
Okt. 7	12.483	125	7.78	19	30.93	78	47.67	167	23.976	185	45.65	145	63.564	121	59.92	39
17	12.358	137	7.97	30	30.15	87	49.34	117	23.791	202	47.10	104	63.443	134	60.31	14
27	12.221	141	8.27	39	29.28	92	50.51	62	23.589	211	48.14	58	63.309	140	60.45	9
Nov. 6	12.080	135	8.66	46	28.36	93	51.13	4	23.378	212	48.72	12	63.169	138	60.36	32
16	11.945	125	9.12	52	27.43	90	51.17	56	23.166	204	48.84	36	63.031	131	60.04	53
26	11.820	107	9.64	55	26.53	83	50.61	115	22.962	190	48.48	82	62.900	116	59.51	73
Dez. 6	11.713	86	10.19	58	25.70	74	49.46	172	22.772	170	47.66	127	62.784	98	58.78	91
16	11.627	60	10.77	58	24.96	62	47.74	221	22.602	142	46.39	168	62.686	76	57.87	106
26	11.567	33	11.35	57	24.34	48	45.53	265	22.460	112	44.71	203	62.610	51	56.81	117
36	11.534		11.92		23.86		42.88		22.348		42.68		62.559		55.64	
Mittl. Ort	8.302		29.06		19.20		50.15		20.508		14.73		59.598		33.91	
sec δ, tg δ	1.005		−0.103		4.687		−4.579		1.308		+0.843		1.014		+0.169	
a, *a'*	+3.2		+15.8		+6.7		+16.1		+2.4		+16.1		+2.9		+16.5	
b, *b'*	−0.01		+ 0.62		−0.25		+ 0.59		+0.05		+ 0.59		+0.01		+ 0.57	

Tag	819) δ Capricorni AR.	Δ	819) Dekl.	Δ	821) π² Cygni AR.	Δ	821) Dekl.	Δ	822) γ Gruis AR.	Δ	822) Dekl.	Δ	823) 16 Pegasi AR.	Δ	823) Dekl.	Δ
1935	21ʰ 43ᵐ		−16° 25′		21ʰ 44ᵐ		+49° 0′		21ʰ 49ᵐ		−37° 39′		21ʰ 50ᵐ		+25° 37′	
Jan. 1	27.406	24	26.55	0	22.356	136	41.82	226	60.018	48	85.34	106	5.873	61	14.75	174
11	27.382	6	26.55	12	22.220	92	39.56	256	59.970	11	84.28	131	5.812	31	13.01	189
21	27.388	36	26.43	26	22.128	44	37.00	275	59.959	27	82.97	153	5.781	0	11.12	197
31	27.424	66	26.17	42	22.084	9	34.25	283	59.986	64	81.44	172	5.781	35	9.15	195
Feb. 10	27.490	98	25.75	58	22.093	63	31.42	280	60.050	102	79.72	189	5.816	71	7.20	186
20	27.588	128	25.17	76	22.156	120	28.62	264	60.152	141	77.83	201	5.887	107	5.34	167
März 2	27.716	160	24.41	93	22.276	175	25.98	238	60.293	178	75.82	212	5.994	146	3.67	140
12	27.876	191	23.48	113	22.451	228	23.60	202	60.471	215	73.70	218	6.140	182	2.27	107
22	28.067	221	22.35	129	22.679	278	21.58	156	60.686	251	71.52	222	6.322	218	1.20	67
Apr. 1	28.288	249	21.06	146	22.957	322	20.02	105	60.937	284	69.30	220	6.540	251	0.53	24
11	28.537	276	19.60	159	23.279	360	18.97	49	61.221	315	67.10	215	6.791	279	0.29	22
21	28.813	297	18.01	169	23.639	388	18.48	8	61.536	341	64.95	206	7.070	304	0.51	68
Mai 1	29.110	313	16.32	175	24.027	406	18.56	66	61.877	361	62.89	191	7.374	320	1.19	112
11	29.423	324	14.57	178	24.433	413	19.22	121	62.238	374	60.98	173	7.694	331	2.31	152
21	29.747	328	12.79	174	24.846	411	20.43	173	62.612	380	59.25	149	8.025	332	3.83	190
31	30.075	323	11.05	167	25.257	396	22.16	219	62.992	377	57.76	123	8.357	326	5.73	221
Juni 10	30.398	312	9.38	155	25.653	372	24.35	260	63.369	365	56.53	93	8.683	311	7.94	245
20	30.710	292	7.83	139	26.025	338	26.95	293	63.734	343	55.60	61	8.994	289	10.39	265
30	31.002	265	6.44	120	26.363	295	29.88	319	64.077	313	54.99	28	9.283	258	13.04	276
Juli 10	31.267	231	5.24	99	26.658	246	33.07	337	64.390	274	54.71	5	9.541	223	15.80	281
20	31.498	192	4.25	75	26.904	191	36.44	347	64.664	230	54.76	37	9.764	182	18.61	280
30	31.690	148	3.50	51	27.095	132	39.91	350	64.894	178	55.13	67	9.946	137	21.41	273
Aug. 9	31.838	103	2.99	28	27.227	73	43.41	345	65.072	125	55.80	93	10.083	90	24.14	261
18*)	[18]31.941	56	2.71	6	[18]27.300	13	46.86	333	65.197	68	56.73	114	10.173	44	26.75	243
28	31.997	10	2.65	14	27.313	44	50.19	314	[20]65.265	14	57.87	131	[20]10.217	1	29.18	221
Sept. 7	32.007	31	2.79	31	27.269	97	53.33	289	65.279	39	59.18	139	10.216	42	31.39	196
17	31.976	68	3.10	44	27.172	144	56.22	260	65.240	84	60.57	142	10.174	79	33.35	168
27	31.908	99	3.54	54	27.028	185	58.82	223	65.156	125	61.99	138	10.095	109	35.03	137
Okt. 7	31.809	122	4.08	58	26.843	216	61.05	183	65.031	154	63.37	127	9.986	133	36.40	105
17	31.687	136	4.66	61	26.627	239	62.88	139	64.877	176	64.64	110	9.853	149	37.45	70
27	31.551	142	5.27	60	26.388	254	64.27	90	64.701	186	65.74	88	9.704	158	38.15	34
Nov. 6	31.409	141	5.87	55	26.134	259	65.17	40	64.515	186	66.62	61	9.546	160	38.49	2
16	31.268	131	6.42	48	25.875	255	65.57	13	64.329	178	67.23	32	9.386	154	38.47	38
26	31.137	116	6.90	41	25.620	243	65.44	64	64.151	160	67.55	2	9.232	143	38.09	73
Dez. 6	31.021	95	7.31	31	25.377	224	64.80	115	63.991	136	67.57	29	9.089	126	37.36	106
16	30.926	72	7.62	21	25.153	195	63.65	163	63.855	107	67.28	60	8.963	105	36.30	137
26	30.854	44	7.83	9	24.958	161	62.02	204	63.748	73	66.68	88	8.858	81	34.93	161
36	30.810		7.92		24.797		59.98		63.675		65.80		8.777		33.32	
Mittl. Ort	27.336		23.39		23.404		29.12		59.901		77.54		6.192		6.87	
sec δ, tg δ	1.042		−0.295		1.525		+1.151		1.263		−0.772		1.109		+0.480	
a, *a'*	+3.3		+16.6		+2.2		+16.6		+3.6		+16.9		+2.7		+16.9	
b, *b'*	−0.02		+ 0.56		+0.06		+ 0.56		−0.04		+ 0.54		+0.03		+ 0.54	

*) Bei Stern 822) und 823) lies Aug. 19

Tag	827) α Aquarii AR.		827) α Aquarii Dekl.		828) ι Aquarii AR.		828) ι Aquarii Dekl.		830) 20 Cephei AR.		830) 20 Cephei Dekl.		829) α Gruis AR.		829) α Gruis Dekl.	
1935	$22^h\ 2^m$		−0° 37′		$22^h\ 2^m$		−14° 10′		$22^h\ 2^m$		+62° 27′		$22^h\ 4^m$		−47° 16′	
Jan. 1	26.820	40	69.66	73	55.877	39	71.08	12	60.09	27	81.55	214	8.866	88	46.76	145
11	26.780	15	70.39	69	55.838	13	71.20	0	59.82	21	79.41	254	8.778	45	45.31	176
21	26.765	12	71.08	63	55.825	16	71.20	15	59.61	14	76.87	283	8.733	2	43.55	203
31	26.777	41	71.71	52	55.841	45	71.05	30	59.47	7	74.04	301	8.731	42	41.52	225
Feb. 10	26.818	69	72.23	36	55.886	74	70.75	48	59.40	1	71.03	307	8.773	88	39.27	242
20	26.887	101	72.59	17	55.960	106	70.27	67	59.41	9	67.96	301	8.861	133	36.85	255
März 2	26.988	133	72.76	5	56.066	138	69.60	86	59.50	18	64.95	281	8.994	178	34.30	263
12	27.121	164	72.71	32	56.204	170	68.74	106	59.68	27	62.14	250	9.172	223	31.67	266
22	27.285	196	72.39	58	56.374	202	67.68	126	59.95	33	59.64	209	9.395	264	29.01	264
Apr. 1	27.481	227	71.81	86	56.576	232	66.42	143	60.28	41	57.55	160	9.659	305	26.37	256
11	27.708	254	70.95	113	56.808	260	64.99	160	60.69	46	55.95	105	9.964	342	23.81	245
21	27.962	278	69.82	139	57.068	285	63.39	173	61.15	50	54.90	46	10.306	374	21.36	227
Mai 1	28.240	297	68.43	160	57.353	304	61.66	181	61.65	54	54.44	15	10.680	399	19.09	206
11	28.537	310	66.83	178	57.657	317	59.85	186	62.19	54	54.59	75	11.079	417	17.03	179
21	28.847	315	65.05	191	57.974	325	57.99	186	62.73	55	55.34	132	11.496	426	15.24	147
31	29.162	314	63.14	199	58.299	324	56.13	181	63.28	53	56.66	186	11.922	426	13.77	113
Juni 10	29.476	305	61.15	202	58.623	315	54.32	170	63.81	50	58.52	234	12.348	415	12.64	76
20	29.781	287	59.13	200	58.938	298	52.62	157	64.31	45	60.86	276	12.763	393	11.88	37
30	30.068	263	57.13	192	59.236	273	51.05	138	64.76	40	63.62	311	13.156	362	11.51	3
Juli 10	30.331	233	55.21	180	59.509	243	49.67	118	65.16	33	66.73	338	13.518	321	11.54	41
20	30.564	195	53.41	164	59.752	205	48.49	94	65.49	26	70.11	357	13.839	272	11.95	78
30	30.759	156	51.77	146	59.957	164	47.55	70	65.75	18	73.68	369	14.111	215	12.73	112
Aug. 9	30.915	112	50.31	125	60.121	120	46.85	46	65.93	11	77.37	372	14.326	154	13.85	140
19	31.027	68	49.06	102	60.241	74	46.39	21	66.04	2	81.09	368	14.480	90	15.25	163
28	^{23}31.095	26	48.04	80	^{23}60.315	29	46.18	1	^{23}66.06	5	84.77	357	^{23}14.570	27	16.88	178
Sept. 7	31.121	14	47.24	59	60.344	13	46.17	19	66.01	13	88.34	337	14.597	35	18.66	187
17	31.107	50	46.65	37	60.331	51	46.36	35	65.88	19	91.71	311	14.562	90	20.53	186
27	31.057	80	46.28	17	60.280	83	46.71	47	65.69	25	94.82	279	14.472	140	22.39	179
Okt. 7	30.977	103	46.11	0	60.197	107	47.18	56	65.44	31	97.61	240	14.332	178	24.18	161
17	30.874	119	46.11	16	60.090	125	47.74	60	65.13	34	100.01	196	14.154	208	25.79	138
27	30.755	128	46.27	31	59.965	134	48.34	61	64.79	38	101.97	147	13.946	223	27.17	108
Nov. 6	30.627	129	46.58	42	59.831	135	48.95	60	64.41	39	103.44	93	13.723	230	28.25	73
16	30.498	125	47.00	53	59.696	130	49.55	55	64.02	40	104.37	36	13.493	224	28.98	34
26	30.373	114	47.53	61	59.566	119	50.10	49	63.62	39	104.73	21	13.269	208	29.32	6
Dez. 6	30.259	99	48.14	69	59.447	101	50.59	41	63.23	38	104.52	79	13.061	184	29.26	46
16	30.160	80	48.83	72	59.346	82	51.00	32	62.85	34	103.73	135	12.877	153	28.80	86
26	30.080	57	49.55	74	59.264	58	51.32	21	62.51	30	102.38	186	12.724	116	27.94	122
36	30.023		50.29		59.206		51.53		62.21		100.52		12.608		26.72	
Mittl. Ort	26.758		71.02		55.730		68.77		61.89		65.08		8.715		37.06	
sec δ, tg δ	1.000		−0.011		1.031		−0.253		2.164		+1.918		1.474		−1.083	
a, *a′*	+3.1		+17.5		+3.2		+17.5		+1.8		+17.5		+3.8		+17.5	
b, *b′*	0.00		+ 0.49		−0.01		+ 0.49		+0.11		+ 0.49		−0.06		+ 0.48	

Scheinbare Sternörter 1935

Tag	834) ϑ Pegasi AR.		834) ϑ Pegasi Dekl.		835) π Pegasi AR.		835) π Pegasi Dekl.		837) 24 Cephei AR.		837) 24 Cephei Dekl.		836) ζ Cephei AR.		836) ζ Cephei Dekl.	
1935	22h 6m		+5° 52′		22h 7m		+32° 51′		22h 8m		+72° 1′		22h 8m		+57° 52′	
	s		″		s		″		s		″		s		″	
Jan. 1	55.290	47	41.76	98	5.534	89	41.71	181	30.58	48	32.95	202	34.410	225	65.31	209
11	55.243	22	40.78	100	5.445	61	39.90	203	30.10	39	30.93	246	34.185	175	63.22	247
21	55.221	5	39.78	97	5.384	28	37.87	217	29.71	29	28.47	282	34.010	120	60.75	274
31	55.226	33	38.81	89	5.356	9	35.70	222	29.42	17	25.65	305	33.890	55	58.01	293
Feb. 10	55.259	63	37.92	74	5.365	48	33.48	216	29.25	4	22.60	316	33.835	13	55.08	297
20	55.322	95	37.18	57	5.413	88	31.32	202	29.21	9	19.44	315	33.848	85	52.11	291
März 2	55.417	127	36.61	32	5.501	130	29.30	177	29.30	22	16.29	299	33.933	157	49.20	272
12	55.544	160	36.29	5	5.631	172	27.53	146	29.52	34	13.30	272	34.090	227	46.48	241
22	55.704	193	36.24	26	5.803	213	26.07	106	29.86	46	10.58	235	34.317	295	44.07	200
Apr. 1	55.897	224	36.50	57	6.016	250	25.01	61	30.32	56	8.23	187	34.612	354	42.07	152
11	56.121	253	37.07	89	6.266	285	24.40	14	30.88	65	6.36	134	34.966	405	40.55	98
21	56.374	277	37.96	120	6.551	312	24.26	36	31.53	71	5.02	75	35.371	446	39.57	40
Mai 1	56.651	297	39.16	147	6.863	333	24.62	83	32.24	75	4.27	14	35.817	473	39.17	19
11	56.948	310	40.63	172	7.196	346	25.45	131	32.99	77	4.13	47	36.290	489	39.36	78
21	57.258	316	42.35	191	7.542	351	26.76	173	33.76	77	4.60	107	36.779	490	40.14	134
31	57.574	315	44.26	206	7.893	346	28.49	210	34.53	74	5.67	163	37.269	479	41.48	186
Juni 10	57.889	306	46.32	214	8.239	333	30.59	243	35.27	70	7.30	215	37.748	453	43.34	234
20	58.195	288	48.46	218	8.572	311	33.02	267	35.97	63	9.45	261	38.201	417	45.68	274
30	58.483	265	50.64	216	8.883	280	35.69	287	36.60	55	12.06	299	38.618	369	48.42	307
Juli 10	58.748	233	52.80	208	9.163	244	38.56	297	37.15	45	15.05	331	38.987	314	51.49	333
20	58.981	198	54.88	197	9.407	203	41.53	303	37.60	36	18.36	356	39.301	252	54.82	352
30	59.179	158	56.85	180	9.610	156	44.56	300	37.96	24	21.92	371	39.553	184	58.34	362
Aug. 9	59.337	114	58.65	163	9.766	109	47.56	292	38.20	13	25.63	379	39.737	114	61.96	365
19	59.451	71	60.28	141	9.875	60	50.48	279	38.33	2	29.42	380	39.851	43	65.61	360
28	[24]59.522	29	61.69	119	[24]9.935	12	53.27	259	[24]38.35	10	33.22	372	[24]39.894	25	69.21	348
Sept. 7	59.551	11	62.88	95	9.947	31	55.86	236	38.25	21	36.94	358	39.869	90	72.69	329
17	59.540	47	63.83	73	9.916	72	58.22	209	38.04	30	40.52	334	39.779	150	75.98	302
27	59.493	77	64.56	50	9.844	105	60.31	177	37.74	40	43.86	305	39.629	202	79.00	271
Okt. 7	59.416	101	65.06	27	9.739	133	62.08	142	37.34	47	46.91	268	39.427	247	81.71	233
17	59.315	117	65.33	7	9.606	153	63.50	106	36.87	54	49.59	225	39.180	283	84.04	189
27	59.198	127	65.40	13	9.453	167	64.56	67	36.33	59	51.84	177	38.897	308	85.93	141
Nov. 6	59.071	129	65.27	31	9.286	171	65.23	26	35.74	62	53.61	123	38.589	325	87.34	89
16	58.942	126	64.96	48	9.115	171	65.49	16	35.12	65	54.84	64	38.264	330	88.23	34
26	58.816	116	64.48	64	8.944	163	65.33	56	34.47	64	55.48	5	37.934	325	88.57	22
Dez. 6	58.700	102	63.84	77	8.781	150	64.77	96	33.83	62	55.53	56	37.609	311	88.35	78
16	58.598	85	63.07	89	8.631	132	63.81	133	33.21	58	54.97	115	37.298	286	87.57	133
26	58.513	63	62.18	96	8.499	108	62.48	164	32.63	53	53.82	172	37.012	252	86.24	181
36	58.450		61.22		8.391		60.84		32.10		52.10		36.760		84.43	
Mittl. Ort	55.262		38.43		5.903		31.03		33.71		14.78		35.760		49.15	
sec δ, tg δ	1.005		+0.103		1.190		+0.646		3.240		+3.081		1.881		+1.593	
a, *a*′	+3.0		+17.7		+2.7		+17.7		+1.1		+17.7		+2.1		+17.7	
b, *b*′	+0.01		+ 0.47		+0.04		+ 0.47		+0.18		+ 0.47		+0.09		+ 0.47	

Tag	840) ϑ Aquarii AR.		840) ϑ Aquarii Dekl.		841) α Tucanae AR.		841) α Tucanae Dekl.	
1935	22h 13m		−8° 6′		22h 14m		−60° 34′	
Jan. 1	24.476	46	28.01	40	3.98	17	76.20	197
11	24.430	21	28.41	31	3.81	12	74.23	234
21	24.409	5	28.72	19	3.69	5	71.89	264
31	24.414	32	28.91	5	3.64	1	69.25	289
Feb. 10	24.446	61	28.96	11	3.65	7	66.36	306
20	24.507	93	28.85	30	3.72	14	63.30	316
März 2	24.600	124	28.55	52	3.86	20	60.14	321
12	24.724	157	28.03	74	4.06	27	56.93	317
22	24.881	189	27.29	98	4.33	32	53.76	309
Apr. 1	25.070	220	26.31	120	4.65	38	50.67	294
11	25.290	249	25.11	142	5.03	43	47.73	272
21	25.539	275	23.69	160	5.46	47	45.01	246
Mai 1	25.814	296	22.09	174	5.93	51	42.55	214
11	26.110	311	20.35	186	6.44	53	40.41	177
21	26.421	319	18.49	192	6.97	55	38.64	137
31	26.740	319	16.57	193	7.52	55	37.27	93
Juni 10	27.059	312	14.64	188	8.07	54	36.34	47
20	27.371	297	12.76	180	8.61	51	35.87	1
30	27.668	274	10.96	166	9.12	47	35.86	46
Juli 10	27.942	245	9.30	149	9.59	42	36.32	89
20	28.187	209	7.81	129	10.01	36	37.21	131
30	28.396	169	6.52	107	10.37	29	38.52	167
Aug. 9	28.565	126	5.45	83	10.66	20	40.19	197
19	28.691	82	4.62	60	10.86	12	42.16	220
28	[26] 28.773	38	4.02	37	[25] 10.98	3	44.36	234
Sept. 7	28.811	2	3.65	16	11.01	5	46.70	238
17	28.809	40	3.49	3	10.96	13	49.08	234
27	28.769	72	3.52	20	10.83	20	51.42	220
Okt. 7	28.697	96	3.72	33	10.63	26	53.62	195
17	28.601	115	4.05	43	10.37	31	55.57	163
27	28.486	125	4.48	50	10.06	33	57.20	122
Nov. 6	28.361	128	4.98	55	9.73	35	58.42	77
16	28.233	125	5.53	57	9.38	35	59.19	27
26	28.108	116	6.10	57	9.03	33	59.46	24
Dez. 6	27.992	102	6.67	55	8.70	30	59.22	75
16	27.890	84	7.22	51	8.40	27	58.47	124
26	27.806	63	7.73	46	8.13	21	57.23	169
36	27.743		8.19		7.92		55.54	
Mittl. Ort	24.313		27.55		3.92		64.42	
sec δ, tg δ	1.010		−0.142		2.036		−1.774	
a, *a′*	+3.2		+17.9		+4.1		+17.9	
b, *b′*	−0.01		+ 0.45		−0.11		+ 0.45	

Tag	842) γ Aquarii AR.		842) γ Aquarii Dekl.		844) 3 Lacertae AR.		844) 3 Lacertae Dekl.	
1935	22h 18m		−1° 42′		22h 20m		+51° 54′	
Jan. 1	18.115	50	54.72	66	59.130	186	25.97	194
11	18.065	27	55.38	62	58.944	147	24.03	231
21	18.038	2	56.00	55	58.797	102	21.72	258
31	18.036	25	56.55	42	58.695	50	19.14	276
Feb. 10	18.061	55	56.97	28	58.645	6	16.38	280
20	18.116	85	57.25	8	58.651	66	13.58	275
März 2	18.201	117	57.33	14	58.717	127	10.83	257
12	18.318	150	57.19	38	58.844	188	8.26	228
22	18.468	183	56.81	65	59.032	247	5.98	189
Apr. 1	18.651	215	56.16	92	59.279	302	4.09	144
11	18.866	245	55.24	117	59.581	348	2.65	92
21	19.111	270	54.07	142	59.929	388	1.73	36
Mai 1	19.381	292	52.65	163	60.317	416	1.37	21
11	19.673	307	51.02	180	60.733	434	1.58	77
21	19.980	316	49.22	193	61.167	440	2.35	131
31	20.296	317	47.29	200	61.607	434	3.66	181
Juni 10	20.613	310	45.29	202	62.041	417	5.47	226
20	20.923	295	43.27	199	62.458	388	7.73	266
30	21.218	273	41.28	190	62.846	350	10.39	297
Juli 10	21.491	244	39.38	178	63.196	304	13.36	322
20	21.735	209	37.60	162	63.500	251	16.58	339
30	21.944	170	35.98	143	63.751	194	19.97	349
Aug. 9	22.114	128	34.55	121	63.945	132	23.46	352
19	22.242	85	33.34	98	64.077	71	26.98	346
28	[27] 22.327	42	32.36	76	[27] 64.148	11	30.44	334
Sept. 7	22.369	1	31.60	53	64.159	47	33.78	316
17	22.370	35	31.07	32	64.112	100	36.94	291
27	22.335	67	30.75	12	64.012	147	39.85	260
Okt. 7	22.268	91	30.63	5	63.865	186	42.45	224
17	22.177	110	30.68	21	63.679	219	44.69	182
27	22.067	121	30.89	33	63.460	242	46.51	137
Nov. 6	21.946	125	31.22	45	63.218	258	47.88	87
16	21.821	122	31.67	53	62.960	264	48.75	36
26	21.699	115	32.20	61	62.696	263	49.11	18
Dez. 6	21.584	102	32.81	65	62.433	252	48.93	71
16	21.482	87	33.46	68	62.181	234	48.22	122
26	21.395	66	34.14	69	61.947	208	47.00	169
36	21.329		34.83		61.739		45.31	
Mittl. Ort	17.970		56.22		60.012		10.05	
sec δ, tg δ	1.000		−0.030		1.621		+1.275	
a, *a′*	+3.1		+18.1		+2.4		+18.2	
b, *b′*	0.00		+ 0.43		+0.08		+ 0.42	

Tag	848) 7 Lacertae AR.		Dekl.		850) η Aquarii AR.		Dekl.		852) 10 Lacertae AR.		Dekl.		855) ζ Pegasi AR.		Dekl.	
1935	$22^h 28^m$		$+49° 56'$		$22^h 32^m$		$-0° 26'$		$22^h 36^m$		$+38° 42'$		$22^h 38^m$		$+10° 29'$	
Jan. 1	35.861	178	68.03	185	1.210	60	69.11	70	20.179	128	55.02	168	13.310	71	35.05	105
11	35.683	143	66.18	222	1.150	38	69.81	66	20.051	101	53.34	197	13.239	49	34.00	110
21	35.540	101	63.96	249	1.112	14	70.47	59	19.950	70	51.37	218	13.190	26	32.90	112
31	35.439	53	61.47	267	1.098	11	71.06	49	19.880	33	49.19	231	13.164	0	31.78	107
Feb. 10	35.386	1	58.80	272	1.109	40	71.55	33	19.847	8	46.88	233	13.164	30	30.71	97
20	35.385	56	56.08	267	1.149	71	71.88	15	19.855	52	44.55	225	13.194	61	29.74	80
März 2	35.441	115	53.41	251	1.220	103	72.03	7	19.907	99	42.30	207	13.255	95	28.94	58
12	35.556	173	50.90	223	1.323	137	71.96	32	20.006	146	40.23	180	13.350	130	28.36	32
22	35.729	231	48.67	186	1.460	170	71.64	58	20.152	193	38.43	144	13.480	166	28.04	1
Apr. 1	35.960	284	46.81	142	1.630	204	71.06	86	20.345	238	36.99	102	13.646	201	28.03	31
11	36.244	331	45.39	91	1.834	235	70.20	113	20.583	279	35.97	55	13.847	234	28.34	65
21	36.575	370	44.48	37	2.069	263	69.07	138	20.862	314	35.42	6	14.081	263	28.99	98
Mai 1	36.945	401	44.11	19	2.332	286	67.69	160	21.176	342	35.36	45	14.344	288	29.97	130
11	37.346	419	44.30	74	2.618	304	66.09	179	21.518	362	35.81	95	14.632	306	31.27	159
21	37.765	428	45.04	127	2.922	314	64.30	193	21.880	371	36.76	141	14.938	317	32.86	183
31	38.193	424	46.31	177	3.236	318	62.37	201	22.251	372	38.17	185	15.255	321	34.69	203
Juni 10	38.617	410	48.08	222	3.554	313	60.36	206	22.623	363	40.02	222	15.576	315	36.72	217
20	39.027	385	50.30	260	3.867	300	58.30	203	22.986	344	42.24	254	15.891	304	38.89	225
30	39.412	349	52.90	291	4.167	280	56.27	197	23.330	317	44.78	280	16.195	282	41.14	228
Juli 10	39.761	307	55.81	317	4.447	253	54.30	185	23.647	282	47.58	298	16.477	256	43.42	226
20	40.068	257	58.98	334	4.700	219	52.45	170	23.929	241	50.56	310	16.733	222	45.68	218
30	40.325	201	62.32	344	4.919	181	50.75	151	24.170	195	53.66	314	16.955	184	47.86	205
Aug. 9	40.526	144	65.76	346	5.100	141	49.24	130	24.365	146	56.80	313	17.139	144	49.91	190
19	40.670	85	69.22	342	5.241	97	47.94	107	24.511	96	59.93	304	17.283	100	51.81	170
29	40.755	26	72.64	330	5.338	55	46.87	84	24.607	46	62.97	290	17.383	59	53.51	149
Sept. 7	40.781	29	75.94	312	5.393	14	46.03	61	24.653	1	65.87	271	17.442	18	55.00	126
17	40.752	80	79.06	288	5.407	23	45.42	39	24.652	45	68.58	245	17.460	19	56.26	102
27	40.672	127	81.94	259	5.384	54	45.03	19	24.607	84	71.03	217	17.441	51	57.28	77
Okt. 7	40.545	165	84.53	223	5.330	81	44.84	0	24.523	116	73.20	185	17.390	79	58.05	53
17	40.380	198	86.76	183	5.249	101	44.84	16	24.407	144	75.05	147	17.311	98	58.58	30
27	40.182	221	88.59	139	5.148	114	45.00	31	24.263	162	76.52	108	17.213	113	58.88	7
Nov. 6	39.961	237	89.98	91	5.034	120	45.31	42	24.101	176	77.60	66	17.100	121	58.95	15
16	39.724	245	90.89	41	4.914	121	45.73	53	23.925	181	78.26	21	16.979	123	58.80	36
26	39.479	244	91.30	12	4.793	115	46.26	60	23.744	181	78.47	23	16.856	119	58.44	55
Dez. 6	39.235	237	91.18	63	4.678	105	46.86	67	23.563	174	78.24	67	16.737	111	57.89	73
16	38.998	221	90.55	114	4.573	92	47.53	70	23.389	162	77.57	109	16.626	100	57.16	88
26	38.777	198	89.41	160	4.481	74	48.23	72	23.227	144	76.48	147	16.526	84	56.28	100
36	38.579		87.81		4.407		48.95		23.083		75.01		16.442		55.28	
Mittl. Ort	36.586		52.01		1.006		71.37		20.485		41.18		13.166		29.25	
sec δ, tg δ	1.554		+1.190		1.000		−0.008		1.281		+0.801		1.017		+0.185	
a, *a'*	+2.5		+18.5		+3.1		+18.6		+2.7		+18.7		+3.0		+18.8	
b, *b'*	+0.07		+ 0.39		0.00		+ 0.37		+0.05		+ 0.36		+0.01		+ 0.35	

Tag	856) β Gruis AR.		856) β Gruis Dekl.		857) η Pegasi AR.		857) η Pegasi Dekl.		859) λ Pegasi AR.		859) λ Pegasi Dekl.		860) ε Gruis AR.		860) ε Gruis Dekl.	
1935	22h 38m		−47° 13′		22h 39m		+29° 52′		22h 43m		+23° 13′		22h 44m		−51° 39′	
	s		″		s		″		s		″		s		″	
Jan. 1	47.940	128	41.41	122	57.051	103	62.04	152	23.905	90	32.93	136	38.600	155	44.35	136
11	47.812	91	40.19	159	56.948	80	60.52	174	23.815	70	31.57	153	38.445	117	42.99	175
21	47.721	53	38.60	191	56.868	53	58.78	189	23.745	44	30.04	163	38.328	75	41.24	210
31	47.668	11	36.69	220	56.815	21	56.89	197	23.701	16	28.41	168	38.253	29	39.14	239
Feb. 10	47.657	31	34.49	242	56.794	14	54.92	195	23.685	16	26.73	163	38.224	18	36.75	264
20	47.688	77	32.07	260	56.808	52	52.97	185	23.701	52	25.10	151	38.242	68	34.11	282
März 2	47.765	122	29.47	274	56.860	93	51.12	165	23.753	89	23.59	130	38.310	118	31.29	294
12	47.887	169	26.73	282	56.953	135	49.47	139	23.842	128	22.29	104	38.428	169	28.35	302
22	48.056	215	23.91	285	57.088	177	48.08	104	23.970	168	21.25	71	38.597	220	25.33	302
Apr. 1	48.271	260	21.06	281	57.265	217	47.04	64	24.138	206	20.54	34	38.817	269	22.31	298
11	48.531	302	18.25	274	57.482	256	46.40	21	24.344	242	20.20	7	39.086	315	19.33	286
21	48.833	340	15.51	259	57.738	288	46.19	25	24.586	274	20.27	48	39.401	359	16.47	270
Mai 1	49.173	373	12.92	239	58.026	315	46.44	70	24.860	300	20.75	89	39.760	393	13.77	247
11	49.546	399	10.53	215	58.341	334	47.14	113	25.160	319	21.64	128	40.153	424	11.30	219
21	49.945	415	8.38	184	58.675	344	48.27	155	25.479	332	22.92	164	40.577	442	9.11	185
31	50.360	424	6.54	150	59.019	347	49.82	191	25.811	335	24.56	195	41.019	452	7.26	149
Juni 10	50.784	420	5.04	113	59.366	341	51.73	223	26.146	329	26.51	221	41.471	451	5.77	107
20	51.204	407	3.91	71	59.707	325	53.96	247	26.475	316	28.72	241	41.922	438	4.70	63
30	51.611	383	3.20	30	60.032	301	56.43	267	26.791	294	31.13	255	42.360	413	4.07	19
Juli 10	51.994	349	2.90	12	60.333	270	59.10	280	27.085	266	33.68	262	42.773	378	3.88	25
20	52.343	305	3.02	54	60.603	233	61.90	285	27.351	231	36.30	264	43.151	332	4.13	69
30	52.648	254	3.56	92	60.836	192	64.75	286	27.582	191	38.94	261	43.483	278	4.82	109
Aug. 9	52.902	197	4.48	127	61.028	147	67.61	279	27.773	149	41.55	250	43.761	217	5.91	145
19	53.099	136	5.75	156	61.175	100	70.40	268	27.922	104	44.05	237	43.978	151	7.36	176
29	53.235	72	7.31	178	61.275	54	73.08	251	28.026	61	46.42	218	44.129	82	9.12	198
Sept. 7	53.307	12	9.09	194	61.329	11	75.59	230	28.087	19	48.60	197	44.211	15	11.10	213
17	53.319	48	11.03	200	61.340	30	77.89	206	28.106	20	50.57	173	44.226	49	13.23	219
27	53.271	100	13.03	198	61.310	65	79.95	177	28.086	54	52.30	145	44.177	108	15.42	215
Okt. 7	53.171	145	15.01	187	61.245	95	81.72	147	28.032	84	53.75	117	44.069	158	17.57	203
17	53.026	181	16.88	167	61.150	118	83.19	114	27.948	105	54.92	87	43.911	200	19.60	181
27	52.845	205	18.55	141	61.032	137	84.33	78	27.843	122	55.79	55	43.711	229	21.41	151
Nov. 6	52.640	220	19.96	108	60.895	147	85.11	42	27.721	132	56.34	24	43.482	247	22.92	115
16	52.420	223	21.04	70	60.748	152	85.53	4	27.589	136	56.58	9	43.235	253	24.07	74
26	52.197	217	21.74	30	60.596	150	85.57	34	27.453	136	56.49	40	42.982	249	24.81	29
Dez. 6	51.980	202	22.04	13	60.446	145	85.23	70	27.317	129	56.09	71	42.733	234	25.10	17
16	51.778	180	21.91	56	60.301	133	84.53	105	27.188	118	55.38	99	42.499	212	24.93	63
26	51.598	151	21.35	96	60.168	117	83.48	135	27.070	104	54.39	123	42.287	181	24.30	109
36	51.447		20.39		60.051		82.13		26.966		53.16		42.106		23.21	
Mittl. Ort	47.577		31.44		57.149		50.39		23.878		23.05		38.216		33.53	
sec δ, tg δ	1.472		−1.081		1.153		+0.575		1.088		+0.429		1.612		−1.264	
a, a′	+3.6		+18.8		+2.8		+18.8		+2.9		+18.9		+3.6		+19.0	
b, b′	−0.07		+ 0.35		+0.04		+ 0.34		+0.03		+ 0.33		−0.08		+ 0.32	

Tag	863) ι Cephei AR.		863) ι Cephei Dekl.		864) λ Aquarii AR.		864) λ Aquarii Dekl.		865) ρ Indi AR.		865) ρ Indi Dekl		866) δ Aquarii AR.		866) δ Aquarii Dekl.	
1935	22ʰ 47ᵐ		+65° 51′		22ʰ 49ᵐ		−7° 55′		22ʰ 50ᵐ		−70° 24′		22ʰ 51ᵐ		−16° 9′	
Jan. 1	20.09	37	49.69	162	13.810	69	33.19	42	9.97	39	91.14	201	12.539	74	63.10	11
11	19.72	32	48.07	211	13.741	49	33.61	31	9.58	31	89.13	247	12.465	54	63.21	6
21	19.40	26	45.96	250	13.692	28	33.92	18	9.27	23	86.66	285	12.411	30	63.15	25
31	19.14	18	43.46	279	13.664	3	34.10	4	9.04	14	83.81	316	12.381	5	62.90	43
Feb. 10	18.96	10	40.67	298	13.661	25	34.14	14	8.90	4	80.65	339	12.376	23	62.47	64
20	18.86	0	37.69	304	13.686	54	34.00	33	8.86	5	77.26	355	12.399	54	61.83	85
März 2	18.86	10	34.65	296	13.740	87	33.67	55	8.91	15	73.71	362	12.453	87	60.98	105
12	18.96	19	31.69	277	13.827	120	33.12	78	9.06	24	70.09	361	12.540	120	59.93	127
22	19.15	28	28.92	247	13.947	156	32.34	101	9.30	34	66.48	352	12.660	157	58.66	146
Apr. 1	19.43	38	26.45	206	14.103	190	31.33	124	9.64	42	62.96	338	12.817	192	57.20	165
11	19.81	45	24.39	158	14.293	223	30.09	146	10.06	51	59.58	315	13.009	225	55.55	180
21	20.26	52	22.81	105	14.516	254	28.63	165	10.57	58	56.43	286	13.234	257	53.75	193
Mai 1	20.78	57	21.76	47	14.770	280	26.98	181	11.15	64	53.57	251	13.491	284	51.82	202
11	21.35	60	21.29	13	15.050	300	25.17	192	11.79	69	51.06	211	13.775	305	49.80	206
21	21.95	61	21.42	71	15.350	314	23.25	200	12.48	73	48.95	166	14.080	320	47.74	204
31	22.56	61	22.13	127	15.664	321	21.25	202	13.21	74	47.29	118	14.400	328	45.70	198
Juni 10	23.17	60	23.40	180	15.985	319	19.23	198	13.95	74	46.11	66	14.728	327	43.72	187
20	23.77	56	25.20	228	16.304	309	17.25	189	14.69	73	45.45	15	15.055	317	41.85	171
30	24.33	51	27.48	271	16.613	292	15.36	177	15.42	68	45.30	38	15.372	300	40.14	151
Juli 10	24.84	45	30.19	306	16.905	267	13.59	159	16.10	62	45.68	89	15.672	276	38.63	127
20	25.29	38	33.25	334	17.172	235	12.00	139	16.72	55	46.57	136	15.948	244	37.36	101
30	25.67	30	36.59	354	17.407	199	10.61	116	17.27	46	47.93	180	16.192	206	36.35	73
Aug. 9	25.97	22	40.13	368	17.606	159	9.45	91	17.73	35	49.73	216	16.398	165	35.62	45
19	26.19	14	43.81	373	17.765	116	8.54	65	18.08	24	51.89	244	16.563	122	35.17	17
29	26.33	5	47.54	371	17.881	73	7.89	41	18.32	11	54.33	265	16.685	77	35.00	8
Sept. 7	26.38	4	51.25	362	17.954	32	7.48	18	18.43	0	56.98	275	16.762	34	35.08	32
17	26.34	12	54.87	344	17.986	6	7.30	4	18.43	13	59.73	274	16.796	6	35.40	51
27	26.22	19	58.31	319	17.980	41	7.34	21	18.30	24	62.47	261	16.790	43	35.91	66
Okt. 7	26.03	26	61.50	289	17.939	69	7.55	37	18.06	34	65.08	239	16.747	72	36.57	76
17	25.77	31	64.39	250	17.870	91	7.92	49	17.72	43	67.47	206	16.675	96	37.33	83
27	25.46	36	66.89	206	17.779	107	8.41	56	17.29	49	69.53	164	16.579	113	38.16	83
Nov. 6	25.10	40	68.95	157	17.672	116	8.97	62	16.80	53	71.17	114	16.466	122	38.99	81
16	24.70	43	70.52	102	17.556	119	9.59	64	16.27	55	72.31	60	16.344	126	39.80	74
26	24.27	43	71.54	45	17.437	117	10.23	63	15.72	56	72.91	2	16.218	123	40.54	64
Dez. 6	23.84	44	71.99	14	17.320	109	10.86	60	15.16	53	72.93	57	16.095	116	41.18	53
16	23.40	43	71.85	74	17.211	98	11.46	55	14.63	50	72.36	114	15.979	104	41.71	38
26	22.97	40	71.11	130	17.113	82	12.01	48	14.13	43	71.22	168	15.875	88	42.09	23
36	22.57		69.81		17.031		12.49		13.70		69.54		15.787		42.32	
Mittl. Ort	21.62		29.52		13.471		33.55		9.78		77.83		12.148		60.97	
sec δ, tg δ	2.445		+2.231		1.010		−0.139		2.984		−2.812		1.041		−0.290	
a, *a′*	+2.1		+19.0		+3.1		+19.1		+4.2		+19.1		+3.2		+19.1	
b, *b′*	+0.14		+ 0.31		−0.01		+ 0.30		−0.18		+ 0.30		−0.02		+ 0.30	

Tag	867) α Pisc. austr. AR.	Δ	Dekl.	Δ	869) ο Andromedae AR.	Δ	Dekl.	Δ
1935	22h 54m		−29° 57′		22h 58m		+41° 58′	
	s		″		s		″	
Jan. 1	4.193	92	67.70	41	55.360	154	49.96	151
11	4.101	68	67.29	69	55.206	130	48.45	185
21	4.033	41	66.60	97	55.076	101	46.60	211
31	3.992	13	65.63	122	54.975	65	44.49	229
Feb. 10	3.979	19	64.41	145	54.910	24	42.20	237
20	3.998	52	62.96	168	54.886	21	39.83	235
März 2	4.050	89	61.28	187	54.907	71	37.48	221
12	4.139	126	59.41	203	54.978	122	35.27	199
22	4.265	164	57.38	218	55.100	174	33.28	168
Apr. 1	4.429	202	55.20	227	55.274	224	31.60	128
11	4.631	239	52.93	233	55.498	270	30.32	83
21	4.870	273	50.60	235	55.768	310	29.49	35
Mai 1	5.143	303	48.25	230	56.078	344	29.14	15
11	5.446	327	45.95	222	56.422	369	29.29	66
21	5.773	343	43.73	208	56.791	384	29.95	115
31	6.116	353	41.65	188	57.175	389	31.10	160
Juni 10	6.469	353	39.77	164	57.564	384	32.70	201
20	6.822	344	38.13	137	57.948	369	34.71	237
30	7.166	326	36.76	105	58.317	345	37.08	267
Juli 10	7.492	301	35.71	71	58.662	312	39.75	290
20	7.793	267	35.00	36	58.974	272	42.65	306
30	8.060	227	34.64	2	59.246	228	45.71	316
Aug. 9	8.287	182	34.62	31	59.474	178	48.87	318
19	8.469	134	34.93	62	59.652	128	52.05	315
29	8.603	85	35.55	89	59.780	77	55.20	305
Sept. 7	8.688	36	36.44	110	59.857	28	58.25	289
17	8.724	9	37.54	126	59.885	19	61.14	267
27	8.715	50	38.80	135	59.866	61	63.81	241
Okt. 7	8.665	85	40.15	138	59.805	98	66.22	211
17	8.580	113	41.53	133	59.707	128	68.33	175
27	8.467	133	42.86	124	59.579	153	70.08	137
Nov. 6	8.334	145	44.10	107	59.426	171	71.45	95
16	8.189	150	45.17	86	59.255	183	72.40	50
26	8.039	147	46.03	62	59.072	189	72.90	5
Dez. 6	7.892	140	46.65	35	58.883	188	72.95	42
16	7.752	126	47.00	6	58.695	180	72.53	86
26	7.626	107	47.06	22	58.515	167	71.67	129
36	7.519		46.84		58.348		70.38	
Mittl. Ort	3.742		61.70		55.565		34.09	
sec δ, tg δ	1.154		−0.577		1.345		+0.900	
a, *a′*	+3.3		+19.2		+2.8		+19.3	
b, *b′*	−0.04		+ 0.28		+0.06		+ 0.26	

Tag	870) β Pegasi AR.	Δ	Dekl.	Δ	871) α Pegasi AR.	Δ	Dekl.	Δ
1935	23h 0m		+27° 43′		23h 1m		+14° 51′	
	s		″		s		″	
Jan. 1	37.291	108	59.24	133	31.506	86	26.38	107
11	37.183	89	57.91	155	31.420	70	25.31	118
21	37.094	65	56.36	170	31.350	48	24.13	124
31	37.029	38	54.66	179	31.302	24	22.89	122
Feb. 10	36.991	5	52.87	179	31.278	4	21.67	116
20	36.986	31	51.08	171	31.282	36	20.51	103
März 2	37.017	70	49.37	154	31.318	70	19.48	83
12	37.087	112	47.83	129	31.388	108	18.65	58
22	37.199	155	46.54	99	31.496	146	18.07	29
Apr. 1	37.354	196	45.55	61	31.642	183	17.78	4
11	37.550	236	44.94	21	31.825	220	17.82	39
21	37.786	271	44.73	21	32.045	253	18.21	75
Mai 1	38.057	301	44.94	65	32.298	280	18.96	109
11	38.358	324	45.59	106	32.578	303	20.05	141
21	38.682	339	46.65	146	32.881	318	21.46	169
31	39.021	345	48.11	180	33.199	325	23.15	194
Juni 10	39.366	342	49.91	211	33.524	324	25.09	214
20	39.708	331	52.02	237	33.848	314	27.23	226
30	40.039	311	54.39	254	34.162	297	29.49	234
Juli 10	40.350	284	56.93	268	34.459	272	31.83	236
20	40.634	250	59.61	273	34.731	242	34.19	232
30	40.884	211	62.34	274	34.973	205	36.51	224
Aug. 9	41.095	169	65.08	268	35.178	165	38.75	211
19	41.264	125	67.76	259	35.343	124	40.86	195
29	41.389	80	70.35	242	35.467	82	42.81	175
Sept. 7	41.469	37	72.77	223	35.549	41	44.56	152
17	41.506	3	75.00	200	35.590	3	46.08	129
27	41.503	40	77.00	173	35.593	30	47.37	105
Okt. 7	41.463	70	78.73	146	35.563	60	48.42	79
17	41.393	96	80.19	114	35.503	83	49.21	54
27	41.297	116	81.33	81	35.420	100	49.75	29
Nov. 6	41.181	130	82.14	48	35.320	113	50.04	4
16	41.051	137	82.62	13	35.207	119	50.08	20
26	40.914	141	82.75	22	35.088	120	49.88	44
Dez. 6	40.773	138	82.53	56	34.968	116	49.44	64
16	40.635	131	81.97	89	34.852	110	48.80	84
26	40.504	120	81.08	119	34.742	97	47.96	101
36	40.384		79.89		34.645		46.95	
Mittl. Ort	37.216		47.28		31.272		18.40	
sec δ, tg δ	1.130		+0.526		1.035		+0.265	
a, *a′*	+2.9		+19.4		+3.0		+19.4	
b, *b′*	+0.03		+ 0.26		+0.02		+ 0.25	

Scheinbare Sternörter 1935

Tag	872) ϑ Gruis AR.		872) ϑ Gruis Dekl.		874) π Cephei AR.		874) π Cephei Dekl.		873) c^2 Aquarii AR		873) c^2 Aquarii Dekl.		875) Br 3077 AR.		875) Br 3077 Dekl.	
1935	23h 3m		−43° 51′		23h 5m		+75° 2′		23h 5m		−21° 31′		23h 10m		+56° 48′	
Jan. 1	13.930	138	89.04	91	46.90	68	31.88	128	59.481	87	35.64	4	8.107	254	52.87	140
11	13.792	109	88.13	128	46.22	61	30.60	182	59.394	69	35.60	27	7.853	224	51.47	186
21	13.683	77	86.85	163	45.61	52	28.78	229	59.325	46	35.33	50	7.629	185	49.61	224
31	13.606	42	85.22	194	45.09	40	26.49	267	59.279	21	34.83	73	7.444	135	47.37	253
Feb. 10	13.564	4	83.28	222	44.69	26	23.82	294	59.258	7	34.10	96	7.309	76	44.84	271
20	13.560	38	81.06	244	44.43	11	20.88	309	59.265	37	33.14	118	7.233	12	42.13	278
März 2	13.598	80	78.62	261	44.32	5	17.79	311	59.302	71	31.96	139	7.221	58	39.35	274
12	13.678	125	76.01	275	44.37	21	14.68	299	59.373	107	30.57	159	7.279	130	36.61	256
22	13.803	171	73.26	282	44.58	36	11.69	275	59.480	144	28.98	178	7.409	203	34.05	229
Apr. 1	13.974	216	70.44	284	44.94	50	8.94	242	59.624	181	27.20	194	7.612	272	31.76	193
11	14.190	259	67.60	282	45.44	63	6.52	198	59.805	217	25.26	206	7.884	336	29.83	149
21	14.449	300	64.78	272	46.07	74	4.54	148	60.022	251	23.20	215	8.220	392	28.34	98
Mai 1	14.749	336	62.06	257	46.81	83	3.06	92	60.273	281	21.05	220	8.612	437	27.36	44
11	15.085	365	59.49	237	47.64	88	2.14	34	60.554	305	18.85	219	9.049	470	26.92	12
21	15.450	386	57.12	211	48.52	92	1.80	25	60.859	323	16.66	213	9.519	492	27.04	67
31	15.836	399	55.01	180	49.44	92	2.05	84	61.182	333	14.53	203	10.011	498	27.71	120
Juni 10	16.235	402	53.21	144	50.36	90	2.89	140	61.515	335	12.50	186	10.509	493	28.91	171
20	16.637	395	51.77	106	51.26	85	4.29	193	61.850	329	10.64	165	11.002	474	30.62	217
30	17.032	376	50.71	64	52.11	79	6.22	240	62.179	314	8.99	141	11.476	444	32.79	256
Juli 10	17.408	349	50.07	22	52.90	70	8.62	281	62.493	291	7.58	113	11.920	403	35.35	290
20	17.757	312	49.85	20	53.60	60	11.43	316	62.784	260	6.45	82	12.323	353	38.25	317
30	18.069	267	50.05	62	54.20	50	14.59	344	63.044	224	5.63	51	12.676	297	41.42	337
Aug. 9	18.336	216	50.67	99	54.70	37	18.03	364	63.268	183	5.12	19	12.973	236	44.79	350
19	18.552	161	51.66	132	55.07	24	21.67	377	63.451	139	4.93	11	13.209	172	48.29	355
29	18.713	101	52.98	160	55.31	11	25.44	382	63.590	94	5.04	39	13.381	106	51.84	352
Sept. 7*)	18.814	44	54.58	181	55.42	1	29.26	380	63.684	49	5.43	62	13.487	42	55.36	344
17	18.858	12	56.39	193	55.41	15	33.06	369	63.733	7	6.05	83	13.529	19	58.80	328
27	18.846	63	58.32	198	55.26	26	36.75	350	63.740	31	6.88	96	13.510	76	62.08	305
Okt. 7	18.783	107	60.30	192	55.00	37	40.25	325	63.709	65	7.84	106	13.434	128	65.13	277
17	18.676	145	62.22	180	54.63	47	43.50	292	63.644	91	8.90	109	13.306	173	67.90	241
27	18.531	173	64.02	158	54.16	57	46.42	251	63.553	110	9.99	106	13.133	212	70.31	202
Nov. 6	18.358	191	65.60	131	53.59	64	48.93	203	63.443	124	11.05	98	12.921	243	72.33	155
16	18.167	201	66.91	96	52.95	69	50.96	151	63.319	129	12.03	87	12.678	266	73.88	106
26	17.966	200	67.87	59	52.26	74	52.47	92	63.190	130	12.90	71	12.412	280	74.94	53
Dez. 6	17.766	193	68.46	18	51.52	75	53.39	32	63.060	125	13.61	53	12.132	286	75.47	3
16	17.573	178	68.64	23	50.77	74	53.71	31	62.935	115	14.14	33	11.846	282	75.44	57
26	17.395	157	68.41	64	50.03	72	53.40	92	62.820	101	14.47	11	11.564	269	74.87	110
36	17.238		67.77		49.31		52.48		62.719		14.58		11.295		73.77	
Mittl. Ort	13.410		79.70		49.47		9.37		58.992		32.12		8.696		32.98	
sec δ, tg δ	1.387		−0.961		3.873		+3.741		1.075		−0.394		1.827		+1.529	
a, *a′*	+3.4		+19.4		+1.9		+19.5		+3.2		+19.5		+2.6		+19.6	
b, *b′*	−0.06		+ 0.25		+0.24		+ 0.23		−0.03		+ 0.23		+0.10		+ 0.22	

*) Bei Stern 874), 873) und 875) lies Sept. 8

Tag	877) γ Tucanae AR.		877) γ Tucanae Dekl.		879) γ Sculptoris AR.		879) γ Sculptoris Dekl.		880) τ Pegasi AR.		880) τ Pegasi Dekl.	
1935	23h 13m		−58° 35′		23h 15m		−32° 52′		23h 17m		+23° 23′	
	s		″		s		″		s		″	
Jan. 1	39.342	243	44.84	136	19.668	113	77.90	40	25.255	107	14.25	116
11	39.099	203	43.48	182	19.555	92	77.50	73	25.148	91	13.09	135
21	38.896	158	41.66	223	19.463	68	76.77	104	25.057	71	11.74	148
31	38.738	107	39.43	259	19.395	41	75.73	133	24.986	48	10.26	155
Feb. 10	38.631	52	36.84	287	19.354	9	74.40	159	24.938	18	8.71	154
20	38.579	5	33.97	310	19.345	25	72.81	184	24.920	16	7.17	146
März 2	38.584	66	30.87	327	19.370	61	70.97	205	24.936	53	5.71	131
12	38.650	128	27.60	335	19.431	100	68.92	222	24.989	92	4.40	108
22	38.778	191	24.25	337	19.531	141	66.70	237	25.081	134	3.32	78
Apr. 1	38.969	252	20.88	332	19.672	181	64.33	248	25.215	176	2.54	46
11	39.221	311	17.56	321	19.853	222	61.85	253	25.391	216	2.08	8
21	39.532	366	14.35	302	20.075	259	59.32	253	25.607	252	2.00	32
Mai 1	39.898	414	11.33	278	20.334	293	56.79	249	25.859	284	2.32	71
11	40.312	455	8.55	247	20.627	320	54.30	238	26.143	309	3.03	109
21	40.767	486	6.08	210	20.947	342	51.92	223	26.452	327	4.12	144
31	41.253	506	3.98	169	21.289	355	49.69	201	26.779	336	5.56	177
Juni 10	41.759	512	2.29	124	21.644	360	47.68	175	27.115	337	7.33	203
20	42.271	507	1.05	77	22.004	355	45.93	144	27.452	329	9.36	226
30	42.778	487	0.28	27	22.359	341	44.49	110	27.781	314	11.62	241
Juli 10	43.265	455	0.01	23	22.700	318	43.39	74	28.095	289	14.03	252
20	43.720	410	0.24	72	23.018	288	42.65	37	28.384	259	16.55	256
30	44.130	353	0.96	118	23.306	249	42.28	2	28.643	223	19.11	254
Aug. 9	44.483	287	2.14	158	23.555	206	42.30	38	28.866	184	21.65	248
19	44.770	213	3.72	194	23.761	158	42.68	72	29.050	142	24.13	236
29	44.983	136	5.66	222	23.919	109	43.40	102	29.192	99	26.49	220
Sept. 8	45.119	57	7.88	241	24.028	59	44.42	126	29.291	57	28.69	201
17	10 45.176	21	10.29	251	10 24.087	12	45.68	144	11 29.348	18	30.70	178
27	45.155	95	12.80	249	24.099	33	47.12	155	29.366	18	32.48	154
Okt. 7	45.060	161	15.29	239	24.066	70	48.67	159	29.348	49	34.02	128
17	44.899	218	17.68	217	23.996	103	50.26	155	29.299	76	35.30	99
27	44.681	262	19.85	187	23.893	126	51.81	144	29.223	96	36.29	70
Nov. 6	44.419	294	21.72	147	23.767	144	53.25	127	29.127	112	36.99	40
16	44.125	314	23.19	103	23.623	153	54.52	104	29.015	122	37.39	9
26	43.811	320	24.22	53	23.470	156	55.56	76	28.893	127	37.48	21
Dez. 6	43.491	314	24.75	1	23.314	151	56.32	47	28.766	129	37.27	51
16	43.177	296	24.76	52	23.163	142	56.79	14	28.637	124	36.76	78
26	42.881	268	24.24	104	23.021	128	56.93	19	28.513	116	35.98	104
36	42.613		23.20		22.893		56.74		28.397		34.94	
Mittl. Ort	38.768		32.74		19.092		71.26		25.011		2.97	
sec δ, tg δ	1.919		−1.638		1.191		−0.647		1.089		+0.432	
a, *a′*	+3.5		+19.6		+3.2		+19.7		+3.0		+19.7	
b, *b′*	−0.11		+ 0.20		−0.04		+ 0.19		+0.03		+ 0.18	

Tag	882) 4 Cassiopeiae AR.		882) Dekl.		884) κ Piscium AR.		884) Dekl.		885) 70 Pegasi AR.		885) Dekl.	
1935	$23^h 21^m$		$+61° 55'$		$23^h 23^m$		$+0° 53'$		$23^h 25^m$		$+12° 24'$	
Jan. 1	55.78	33	54.01	123	36.477	86	62.21	68	52.328	95	13.90	93
11	55.45	30	52.78	173	36.391	73	61.53	65	52.233	81	12.97	102
21	55.15	26	51.05	217	36.318	56	60.88	59	52.152	64	11.95	105
31	54.89	20	48.88	250	36.262	36	60.29	50	52.088	43	10.90	104
Feb. 10	54.69	13	46.38	274	36.226	10	59.79	36	52.045	17	9.86	98
20	54.56	6	43.64	287	36.216	18	59.43	18	52.028	12	8.88	85
März 2	54.50	3	40.77	286	36.234	50	59.25	2	52.040	46	8.03	67
12	54.53	11	37.91	275	36.284	85	59.27	25	52.086	83	7.36	45
22	54.64	19	35.16	251	36.369	121	59.52	51	52.169	121	6.91	17
Apr. 1	54.83	28	32.65	218	36.490	159	60.03	77	52.290	160	6.74	13
11	55.11	36	30.47	176	36.649	195	60.80	104	52.450	199	6.87	45
21	55.47	42	28.71	127	36.844	230	61.84	130	52.649	234	7.32	79
Mai 1	55.89	48	27.44	74	37.074	260	63.14	154	52.883	265	8.11	110
11	56.37	52	26.70	18	37.334	286	64.68	174	53.148	291	9.21	140
21	56.89	54	26.52	39	37.620	305	66.42	190	53.439	310	10.61	166
31	57.43	56	26.91	94	37.925	316	68.32	202	53.749	322	12.27	189
Juni 10	57.99	55	27.85	147	38.241	319	70.34	208	54.071	324	14.16	206
20	58.54	53	29.32	196	38.560	315	72.42	208	54.395	320	16.22	218
30	59.07	51	31.28	239	38.875	302	74.50	204	54.715	306	18.40	224
Juli 10	59.58	46	33.67	277	39.177	282	76.54	195	55.021	285	20.64	226
20	60.04	40	36.44	309	39.459	255	78.49	180	55.306	258	22.90	221
30	60.44	34	39.53	333	39.714	222	80.29	163	55.564	224	25.11	212
Aug. 9	60.78	28	42.86	350	39.936	186	81.92	142	55.788	188	27.23	198
19	61.06	21	46.36	359	40.122	146	83.34	120	55.976	148	29.21	181
29	61.27	13	49.95	363	40.268	106	84.54	95	56.124	107	31.02	162
Sept. 8	61.40	6	53.58	357	40.374	65	85.49	71	56.231	67	32.64	140
17	[12]61.46	1	57.15	345	[12]40.439	28	86.20	48	[13]56.298	29	34.04	116
27	61.45	8	60.60	326	40.467	7	86.68	26	56.327	5	35.20	93
Okt. 7	61.37	15	63.86	300	40.460	37	86.94	5	56.322	36	36.13	70
17	61.22	20	66.86	267	40.423	62	86.99	13	56.286	61	36.83	46
27	61.02	24	69.53	228	40.361	82	86.86	28	56.225	81	37.29	23
Nov. 6	60.78	29	71.81	183	40.279	95	86.58	41	56.144	97	37.52	1
16	60.49	32	73.64	133	40.184	105	86.17	51	56.047	106	37.53	20
26	60.17	34	74.97	80	40.079	109	85.66	60	55.941	111	37.33	40
Dez. 6	59.83	35	75.77	23	39.970	108	85.06	66	55.830	113	36.93	58
16	59.48	35	76.00	35	39.862	104	84.40	69	55.717	110	36.35	74
26	59.13	35	75.65	91	39.758	96	83.71	71	55.607	103	35.61	88
36	58.78		74.74		39.662		83.00		55.504		34.73	
Mittl. Ort	56.48		32.55		36.006		58.21		51.925		5.95	
sec δ, tg δ	2.125		+1.875		1.000		+0.016		1.024		+0.220	
a, *a'*	+2.7		+19.8		+3.1		+19.8		+3.0		+19.8	
b, *b'*	+0.12		+ 0.17		0.00		+ 0.16		+0.01		+ 0.15	

Tag	891) ι Andromedae AR.		891) ι Andromedae Dekl.		892) ι Piscium AR.		892) ι Piscium Dekl.		893) γ Cephei AR.		893) γ Cephei Dekl.	
1935	$23^h 34^m$		$+42° 54'$		$23^h 36^m$		$+5° 16'$		$23^h 36^m$		$+77° 16'$	
Jan. 1	56.634	173	46.41	117	36.867	93	31.18	78	37.62	86	34.73	82
11	56.461	158	45.24	155	36.774	81	30.40	78	36.76	79	33.91	140
21	56.303	135	43.69	185	36.693	67	29.62	76	35.97	70	32.51	194
31	56.168	105	41.84	209	36.626	47	28.86	71	35.27	58	30.57	239
Feb. 10	56.063	68	39.75	224	36.579	23	28.15	59	34.69	43	28.18	275
20	55.995	24	37.51	228	36.556	5	27.56	44	34.26	26	25.43	297
März 2	55.971	24	35.23	222	36.561	36	27.12	26	34.00	9	22.46	308
12	55.995	77	33.01	207	36.597	72	26.86	2	33.91	10	19.38	306
22	56.072	132	30.94	183	36.669	110	26.84	23	34.01	29	16.32	291
Apr. 1	56.204	186	29.11	149	36.779	148	27.07	50	34.30	47	13.41	265
11	56.390	237	27.62	110	36.927	186	27.57	80	34.77	63	10.76	229
21	56.627	285	26.52	66	37.113	223	28.37	108	35.40	78	8.47	185
Mai 1	56.912	326	25.86	18	37.336	254	29.45	134	36.18	89	6.62	133
11	57.238	358	25.68	30	37.590	282	30.79	158	37.07	98	5.29	78
21	57.596	382	25.98	79	37.872	302	32.37	179	38.05	104	4.51	21
31	57.978	395	26.77	125	38.174	316	34.16	194	39.09	107	4.30	38
Juni 10	58.373	398	28.02	168	38.490	322	36.10	205	40.16	107	4.68	95
20	58.771	390	29.70	206	38.812	318	38.15	211	41.23	104	5.63	150
30	59.161	373	31.76	238	39.130	307	40.26	210	42.27	98	7.13	201
Juli 10	59.534	346	34.14	266	39.437	289	42.36	206	43.25	90	9.14	246
20	59.880	313	36.80	287	39.726	263	44.42	195	44.15	81	11.60	286
30	60.193	272	39.67	301	39.989	232	46.37	181	44.96	68	14.46	320
Aug. 9	60.465	227	42.68	308	40.221	197	48.18	163	45.64	56	17.66	347
19	60.692	179	45.76	310	40.418	158	49.81	143	46.20	42	21.13	367
29	60.871	129	48.86	305	40.576	119	51.24	120	46.62	27	24.80	378
Sept. 8	61.000	80	51.91	294	40.695	79	52.44	97	46.89	13	28.58	383
17	[15]61.080	33	54.85	278	[16]40.774	41	53.41	73	[16]47.02	2	32.41	380
27	61.113	12	57.63	256	40.815	7	54.14	50	47.00	17	36.21	368
Okt. 7	61.101	51	60.19	231	40.822	24	54.64	29	46.83	30	39.89	349
17	61.050	87	62.50	199	40.798	51	54.93	8	46.53	44	43.38	321
27	60.963	118	64.49	165	40.747	71	55.01	10	46.09	55	46.59	287
Nov. 6	60.845	142	66.14	126	40.676	87	54.91	27	45.54	66	49.46	244
16	60.703	162	67.40	84	40.589	98	54.64	40	44.88	75	51.90	195
26	60.541	175	68.24	40	40.491	105	54.24	53	44.13	82	53.85	141
Dez. 6	60.366	184	68.64	5	40.386	107	53.71	63	43.31	87	55.26	80
16	60.182	185	68.59	50	40.279	106	53.08	72	42.44	88	56.06	18
26	59.997	181	68.09	93	40.173	100	52.36	77	41.56	87	56.24	45
36	59.816		67.16		40.073		51.59		40.69		55.79	
Mittl. Ort	56.540		28.69		36.348		25.38		39.82		10.40	
sec δ, tg δ	1.365		+0.930		1.004		+0.092		4.538		+4.426	
a, a'	+2.9		+19.9		+3.1		+19.9		+2.5		+19.9	
b, b'	+0.06		+ 0.11		+0.01		+ 0.10		+0.29		+ 0.10	

Tag	894) ω² Aquarii AR.		Dekl.		895) 41 H. Cephei AR.		Dekl.		896) Lac. δ Sculptoris AR.		Dekl.	
1935	23ʰ 39ᵐ		−14° 53′		23ʰ 44ᵐ		+67° 26′		23ʰ 45ᵐ		−28° 28′	
Jan. 1	21.817	97	76.99	28	46.67	44	67.54	88	33.302	121	88.75	8
11	21.720	86	77.27	10	46.23	42	66.66	143	33.181	107	88.67	38
21	21.634	70	77.37	11	45.81	37	65.23	192	33.074	89	88.29	70
31	21.564	49	77.26	31	45.44	30	63.31	234	32.985	66	87.59	99
Feb. 10	21.515	26	76.95	54	45.14	23	60.97	265	32.919	41	86.60	128
20	21.489	2	76.41	77	44.91	14	58.32	286	32.878	10	85.32	155
März 2	21.491	34	75.64	99	44.77	4	55.46	294	32.868	24	83.77	178
12	21.525	68	74.65	122	44.73	7	52.52	289	32.892	61	81.99	201
22	21.593	106	73.43	145	44.80	17	49.63	274	32.953	102	79.98	220
Apr. 1	21.699	144	71.98	164	44.97	28	46.89	247	33.055	142	77.78	234
11	21.843	183	70.34	183	45.25	37	44.42	210	33.197	184	75.44	246
21	22.026	219	68.51	199	45.62	47	42.32	166	33.381	224	72.98	252
Mai 1	22.245	253	66.52	210	46.09	54	40.66	115	33.605	260	70.46	252
11	22.498	281	64.42	217	46.63	59	39.51	61	33.865	292	67.94	249
21	22.779	303	62.25	218	47.22	64	38.90	5	34.157	318	65.45	238
31	23.082	318	60.07	215	47.86	66	38.85	51	34.475	335	63.07	222
Juni 10	23.400	326	57.92	206	48.52	66	39.36	107	34.810	345	60.85	200
20	23.726	325	55.86	192	49.18	65	40.43	159	35.155	346	58.85	175
30	24.051	315	53.94	173	49.83	63	42.02	207	35.501	338	57.10	143
Juli 10	24.366	298	52.21	150	50.46	57	44.09	249	35.839	321	55.67	110
20	24.664	272	50.71	123	51.03	52	46.58	287	36.160	296	54.57	72
30	24.936	242	49.48	94	51.55	46	49.45	317	36.456	264	53.85	35
Aug. 9	25.178	206	48.54	64	52.01	37	52.62	341	36.720	226	53.50	3
19	25.384	166	47.90	33	52.38	30	56.03	357	36.946	183	53.53	39
29	25.550	124	47.57	4	52.68	21	59.60	366	37.129	137	53.92	72
Sept. 8	25.674	83	47.53	24	52.89	12	63.26	363	37.266	91	54.64	101
17*)	[16] 25.757	42	47.77	47	[18] 53.01	4	66.94	362	[18] 37.357	47	55.65	124
27	25.799	5	48.24	67	53.05	5	70.56	349	37.404	4	56.89	141
Okt. 7	25.804	29	48.91	82	53.00	12	74.05	328	37.408	34	58.30	152
17	25.775	57	49.73	92	52.88	20	77.33	300	37.374	67	59.82	154
27	25.718	79	50.65	97	52.68	27	80.33	265	37.307	95	61.36	150
Nov. 6	25.639	97	51.62	97	52.41	32	82.98	224	37.212	115	62.86	138
16	25.542	108	52.59	92	52.09	38	85.22	175	37.097	129	64.24	122
26	25.434	114	53.51	83	51.71	41	86.97	123	36.968	138	65.46	99
Dez. 6	25.320	116	54.34	72	51.30	45	88.20	65	36.830	140	66.45	73
16	25.204	114	55.06	58	50.85	45	88.85	6	36.690	138	67.18	45
26	25.090	107	55.64	41	50.40	46	88.91	53	36.552	130	67.63	13
36	24.983		56.05		49.94		88.38		36.422		67.76	
Mittl. Ort	21.175		76.01		47.35		44.13		32.569		83.62	
sec δ, tg δ	1.035		−0.266		2.607		+2.408		1.138		−0.543	
a, *a′*	+3.1		+20.0		+2.9		+20.0		+3.1		+20.0	
b, *b′*	−0.02		+ 0.09		+0.16		+ 0.07		−0.04		+ 0.06	

*) Bei Stern 895) und 896) lies Sept. 18

Tag	898) φ Pegasi AR.		898) φ Pegasi Dekl.		902) ω Piscium AR.		902) ω Piscium Dekl.		903) ε Tucanae AR.		903) ε Tucanae Dekl.	
1935	$23^h 49^m$		+18°45′		$23^h 55^m$		+6°30′		$23^h 56^m$		−65°55′	
	s		″		s		″		s		″	
Jan. 1	11.184	110	43.65	93	58.946	99	19.03	75	34.01	40	93.11	110
11	11.074	100	42.72	108	58.847	92	18.28	78	33.61	37	92.01	165
21	10.974	87	41.64	119	58.755	80	17.50	76	33.24	32	90.36	214
31	10.887	67	40.45	124	58.675	63	16.74	72	32.92	26	88.22	256
Feb. 10	10.820	43	39.21	123	58.612	41	16.02	62	32.66	19	85.66	294
20	10.777	14	37.98	116	58.571	15	15.40	48	32.47	13	82.72	323
März 2	10.763	20	36.82	102	58.556	17	14.92	31	32.34	5	79.49	345
12	10.783	59	35.80	82	58.573	52	14.61	10	32.29	3	76.04	358
22	10.842	99	34.98	57	58.625	90	14.51	16	32.32	11	72.46	367
Apr. 1	10.941	142	34.41	28	58.715	129	14.67	42	32.43	19	68.79	365
11	11.083	183	34.13	5	58.844	170	15.09	71	32.62	27	65.14	356
21	11.266	223	34.18	40	59.014	207	15.80	99	32.89	35	61.58	340
Mai 1	11.489	258	34.58	75	59.221	242	16.79	126	33.24	42	58.18	317
11	11.747	287	35.33	108	59.463	272	18.05	151	33.66	49	55.01	286
21	12.034	310	36.41	140	59.735	296	19.56	172	34.15	53	52.15	250
31	12.344	326	37.81	169	60.031	312	21.28	190	34.68	58	49.65	207
Juni 10	12.670	332	39.50	192	60.343	321	23.18	202	35.26	60	47.58	159
20	13.002	331	41.42	210	60.664	321	25.20	209	35.86	62	45.99	109
30	13.333	320	43.52	224	60.985	312	27.29	211	36.48	60	44.90	55
Juli 10	13.653	302	45.76	232	61.297	297	29.40	207	37.08	59	44.35	0
20	13.955	277	48.08	233	61.594	275	31.47	199	37.67	54	44.35	54
30	14.232	246	50.41	231	61.869	245	33.46	186	38.21	49	44.89	106
Aug. 9	14.478	211	52.72	222	62.114	213	35.32	169	38.70	41	45.95	155
19	14.689	172	54.94	210	62.327	175	37.01	150	39.11	34	47.50	197
29	14.861	132	57.04	194	62.502	137	38.51	128	39.45	25	49.47	234
Sept. 8	14.993	93	58.98	175	62.639	98	39.79	104	39.70	15	51.81	260
18	19 15.086	54	60.73	154	21 62.737	61	40.83	81	21 39.85	5	54.41	278
27	15.140	18	62.27	131	62.798	26	41.64	58	39.90	5	57.19	284
Okt. 7	15.158	14	63.58	107	62.824	6	42.22	36	39.85	14	60.03	278
17	15.144	42	64.65	82	62.818	33	42.58	16	39.71	22	62.81	262
27	15.102	65	65.47	57	62.785	56	42.74	4	39.49	30	65.43	234
Nov. 6	15.037	85	66.04	32	62.729	75	42.70	20	39.19	36	67.77	197
16	14.952	99	66.36	7	62.654	89	42.50	35	38.83	40	69.74	151
26	14.853	109	66.43	18	62.565	98	42.15	48	38.43	43	71.25	100
Dez. 6	14.744	115	66.25	42	62.467	105	41.67	59	38.00	44	72.25	43
16	14.629	118	65.83	64	62.362	107	41.08	68	37.56	44	72.68	15
26	14.511	115	65.19	84	62.255	105	40.40	75	37.12	42	72.53	74
36	14.396		64.35		62.150		39.65		36.70		71.79	
Mittl. Ort	10.683		32.91		58.319		12.36		33.03		80.04	
sec δ, tg δ	1.056		+0.340		1.007		+0.114		2.453		−2.240	
a, a'	+3.1		+20.0		+3.1		+20.0		+3.1		+20.0	
b, b'	+0.02		+0.05		+0.01		+0.02		−0.15		+0.02	

Scheinbare Sternörter 1935

Obere Kulmination Greenwich

Na) 43 Hev. Cephei $4^{m}.52$

Tag	Januar			Februar			März			April		
	AR.	Dekl.	☾ Glieder	AR.	Dekl.	☾ Glieder	AR.	Dekl.	☾ Glieder	AR.	Dekl.	☾ Glieder
	$0^{h}\ 59^{m}$	$+85°\ 55'$	in 0.01^{s} $0.01''$	$0^{h}\ 59^{m}$	$+85°\ 54'$	in 0.01^{s} $0.01''$	$0^{h}\ 59^{m}$	$+85°\ 54'$	in 0.01^{s} $0.01''$	$0^{h}\ 59^{m}$	$+85°\ 54'$	in 0.01^{s} $0.01''$
1	$29^{s}.80$	$1''.35$	+1 −12	$21^{s}.00$	$60''.83$	+9 +2	$14^{s}.71$	$55''.49$	+7 +4	$12^{s}.04$	$46''.44$	−7 +6
2	29.52	1.43	+4 −9	20.73	60.71	+6 +7	14.54	55.24	+4 +8	12.04	46.13	−9 +2
3	29.24	1.50	+8 −5	20.47	60.59	+2 +9	14.38	54.98	−1 +9	12.05	45.82	−9 −2
4	28.96	1.57	+10 0	20.21	60.46	−2 +10	14.22	54.72	−5 +8	12.07	45.51	−7 −5
5	28.67	1.63	+8 +5	19.95	60.32	−6 +8	14.07	54.45	−9 +5	12.09	45.21	−3 −7
6	28.39	1.70	+5 +9	19.69	60.18	−9 +5	13.92	54.18	−10 +1	12.12	44.90	+2 −7
7	28.10	1.75	+1 +11	19.44	60.03	−9 +1	13.78	53.91	−8 −2	*) 12.15	44.59	+6 −5
8	27.81	1.79	−4 +10	19.19	59.87	−7 −3	13.65	53.64	−5 −5	12.19	44.28	+9 −1
9	27.52	1.82	−8 +7	18.94	59.71	−3 −6	13.52	53.36	−1 −7	12.24	43.97	+11 +2
10	27.23	1.85	−10 +3	18.69	59.55	+1 −6	13.39	53.08	+4 −6	12.29	43.67	+10 +6
11	26.94	1.87	−9 −1	18.45	59.38	+6 −5	13.27	52.80	+8 −3	12.35	43.37	+7 +9
12	26.65	1.89	−6 −5	18.21	59.20	+9 −2	13.16	52.51	+10 0	12.41	43.07	+4 +10
13	26.36	1.90	−2 −7	17.97	59.02	+11 +1	13.05	52.22	+10 +4	12.48	42.77	0 +9
14	26.07	1.90	+3 −6	17.73	58.84	+10 +5	12.94	51.93	+9 +7	12.55	42.47	−4 +8
15	25.78	1.89	+7 −4	17.50	58.65	+8 +7	12.84	51.64	+6 +9	12.63	42.17	−7 +5
16	25.49	1.88	+10 −1	17.28	58.45	+5 +9	12.75	51.34	+2 +9	12.72	41.87	−9 +1
17	25.20	1.86	+10 +2	17.06	58.25	+1 +9	12.66	51.04	−2 +8	12.81	41.57	−9 −3
18	24.91	1.84	+9 +5	16.84	58.04	−3 +7	12.58	50.74	−5 +6	12.90	41.28	−8 −7
19	24.62	1.81	+7 +8	16.63	57.83	−7 +5	12.50	50.44	−8 +3	13.00	40.99	−6 −10
20	24.33	1.77	+3 +9	16.42	57.62	−9 +1	12.43	50.14	−10 −1	13.11	40.70	−2 −11
21	24.04	1.73	−1 +8	16.21	57.40	−10 −3	12.37	49.84	−9 −5	13.22	40.42	+3 −10
22	23.76	1.68	−5 +6	16.01	57.18	−9 −7	12.31	49.54	−7 −9	13.34	40.14	+6 −8
23	23.48	1.62	−8 +3	15.81	56.95	−7 −10	12.25	49.23	−5 −11	13.46	39.86	+9 −4
24	23.20	1.56	−10 −1	15.61	56.72	−3 −12	12.21	48.92	0 −12	13.59	39.58	+9 +1
25	22.92	1.49	−10 −5	15.42	56.48	+1 −12	12.17	48.61	+4 −10	13.72	39.31	+7 +5
26	22.64	1.41	−9 −9	15.24	56.24	+5 −9	12.13	48.30	+7 −7	13.86	39.04	+3 +8
27	22.36	1.33	−6 −12	15.06	55.99	+8 −5	12.10	47.99	+9 −3	14.00	38.77	−2 +9
28	22.08	1.24	−1 −12	14.88	55.74	+9 −1	12.08	47.68	+8 +2	14.15	38.50	−6 +7
29	21.81	1.15	+3 −11	14.71	55.49	+7 +4	12.06	47.37	+5 +6	14.30	38.24	−9 +4
30	21.54	1.05	+7 −8				12.05	47.06	+1 +8	14.46	37.98	−10 0
31	21.27	0.94	+9 −3				12.04	46.75	−4 +8	14.62	37.73	−8 −4
32	21.00	0.83	+9 +2				12.04	46.44	−7 +6			

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+85° 54′ 30″	14.015	+13.979	+85° 54′ 40″	14.024	+13.989	+85° 55′ 0″	14.043	+14.008
40	14.024	+13.989	50	14.034	+13.998	10	14.053	+14.017

$\alpha_{1935.0} = 0^{h}\ 59^{m}\ 29^{s}.69$ $\delta_{1935.0} = +85°\ 54'\ 34''.31$

*) Tag der doppelten unteren Kulmination: April 7

Scheinbare Sternörter 1935

Obere Kulmination Greenwich

Na) 43 Hev. Cephei $4^m.52$

Tag	Mai AR.	Mai Dekl.	Mai ☾ Glieder	Juni AR.	Juni Dekl.	Juni ☾ Glieder	Juli AR.	Juli Dekl.	Juli ☾ Glieder	August AR.	August Dekl.	August ☾ Glieder
	$0^h\,59^m$	$+85°\,54'$	in $0^s.01$ $0''.01$	$0^h\,59^m$	$+85°\,54'$	in $0^s.01$ $0''.01$	$0^h\,59^m$	$+85°\,54'$	in $0^s.01$ $0''.01$	$0^h\,59^m$	$+85°\,54'$	in $0^s.01$ $0''.01$
1	$14^s.62$	$37''.73$	− 8 − 4	$21^s.77$	$31''.82$	+ 7 − 5	$31^s.01$	$30''.76$	+10 + 5	$40^s.64$	$34''.80$	− 2 + 8
2	14.79	37.48	− 5 − 7	22.05	31.70	+10 − 1	31.33	30.81	+ 7 + 8	40.93	35.01	− 6 + 6
3	14.97	37.23	0 − 8	22.34	31.59	+10 + 2	31.65	30.87	+ 4 + 9	41.21	35.22	− 8 + 2
4	15.15	36.98	+ 5 − 6	22.63	31.49	+ 9 + 6	31.97	30.93	0 + 9	41.49	35.44	− 9 − 2
5	15.33	36.74	+ 8 − 3	22.92	31.39	+ 6 + 9	32.29	31.00	− 4 + 7	41.77	35.66	− 9 − 6
6	15.52	36.50	+10 + 1	23.21	31.30	+ 3 + 9	32.61	31.07	− 7 + 5	42.05	35.89	− 7 − 9
7	15.71	36.26	+10 + 4	23.50	31.21	− 1 + 9	32.93	31.15	− 9 + 1	42.33	36.12	− 4 −11
8	15.91	36.03	+ 8 + 7	23.80	31.13	− 5 + 7	33.25	31.23	− 9 − 3	42.60	36.36	0 −12
9	16.11	35.80	+ 5 + 9	24.10	31.05	− 8 + 3	33.57	31.32	− 8 − 7	42.87	36.60	+ 4 −10
10	16.31	35.58	+ 1 + 9	24.40	30.98	− 9 0	33.89	31.41	− 6 −10	43.14	36.84	+ 7 − 7
11	16.52	35.36	− 3 + 8	24.70	30.91	− 9 − 4	34.21	31.51	− 2 −11	43.41	37.09	+ 8 − 3
12	16.73	35.15	− 6 + 6	25.00	30.85	− 8 − 8	34.53	31.62	+ 2 −11	43.67	37.34	+ 8 + 2
13	16.95	34.94	− 8 + 2	25.31	30.79	− 5 −10	34.85	31.73	+ 5 − 9	43.93	37.60	+ 5 + 6
14	17.17	34.73	− 9 − 2	25.62	30.74	− 1 −11	35.17	31.84	+ 8 − 5	44.19	37.86	+ 1 + 8
15	17.40	34.53	− 9 − 6	25.93	30.70	+ 3 −10	35.49	31.96	+ 9 0	44.44	38.13	− 3 + 9
16	17.63	34.33	− 7 − 9	26.24	30.66	+ 7 − 7	35.80	32.09	+ 8 + 4	44.69	38.40	− 7 + 7
17	17.86	34.14	− 3 −11	26.55	30.63	+ 9 − 3	36.11	32.22	+ 4 + 8	44.94	38.67	− 9 + 3
18	18.10	33.95	+ 1 −11	26.86	30.60	+ 9 + 2	36.42	32.36	0 + 9	45.19	38.95	− 9 − 1
19	18.34	33.77	+ 5 − 9	27.17	30.58	+ 6 + 7	36.73	32.50	− 5 + 9	45.43	39.23	− 7 − 4
20	18.59	33.59	+ 8 − 5	27.49	30.56	+ 3 + 9	37.04	32.64	− 8 + 6	45.67	39.51	− 3 − 6
21	18.84	33.42	+ 9 0	27.81	30.55	− 2 + 9	37.35	32.79	− 9 + 2	45.91	39.80	+ 2 − 6
22	19.09	33.25	+ 8 + 4	28.13	30.55	− 6 + 7	37.66	32.95	− 8 − 2	46.15	40.09	+ 7 − 4
23	19.34	33.08	+ 5 + 8	28.45	30.55	− 9 + 4	37.97	33.11	− 5 − 6	46.38	40.38	+10 − 1
24	19.60	32.92	0 + 9	28.77	30.56	− 9 − 1	38.27	33.28	− 1 − 7	46.61	40.68	+11 + 3
25	19.86	32.76	− 4 + 8	29.09	30.57	− 8 − 4	38.57	33.45	+ 4 − 6	46.83	40.98	+10 + 6
26	20.12	32.61	− 8 + 6	29.41	30.59	− 4 − 7	38.87	33.63	+ 8 − 4	47.05	41.28	+ 7 + 9
27	20.39	32.47	−10 + 1	29.73	30.61	+ 1 − 8	39.17	33.81	+10 0	47.27	41.59	+ 3 +10
28	20.66	32.33	− 9 − 3	30.05	30.64	+ 5 − 6	39.47	34.00	+10 + 4	47.48	41.90	− 1 + 9
29	20.93	32.19	− 7 − 6	30.37	30.67	+ 9 − 3	39.77	34.19	+ 9 + 7	47.69	42.22	− 4 + 7
30	21.21	32.06	− 2 − 8	30.69	30.71	+10 + 1	40.06	34.39	+ 6 + 9	47.90	42.54	− 7 + 4
31	21.49	31.94	+ 3 − 7	31.01	30.76	+10 + 5	40.35	34.59	+ 2 + 9	48.10	42.86	− 9 0
32	21.77	31.82	+ 7 − 5				40.64	34.80	− 2 + 8	48.30	43.18	− 9 − 4

δ	sec δ	tg δ	δ	sec δ	tg δ
$+85°\,54'\,30''$	14.015	+13.979	$+85°\,54'\,40''$	14.024	+13.989
40	14.024	+13.989	50	14.034	+13.998

$\alpha_{1935.0} = 0^h\,59^m\,29^s.69$ $\delta_{1935.0} = +85°\,54'\,34''.31$



Scheinbare Sternörter 1935

Obere Kulmination Greenwich

Na) 43 Hev. Cephei $4^{m}.52$

Tag	September				Oktober				November				Dezember			
	AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder	
	$0^h 59^m$	$+85° 54'$	in $0^s.01$	$0''.01$	$0^h 59^m$	$+85° 54'$	in $0^s.01$	$0''.01$	$0^h 59^m$	$+85° 55'$	in $0^s.01$	$0''.01$	$0^h 59^m$	$+85° 55'$	in $0^s.01$	$0''.01$
1	$48^s.30$	$43''.18$	−9	−4	$52^s.49$	$53''.91$	−3	−11	$52^s.57$	$5''.95$	+8	+1	$48^s.42$	$15''.41$	0	+8
2	48.50	43.51	−8	−7	52.56	54.29	+1	−11	52.49	6.31	+6	+5	48.22	15.67	−5	+7
3	48.69	43.84	−5	−10	52.63	54.67	+4	−9	52.41	6.66	+2	+7	48.01	15.92	−8	+4
4	48.88	44.17	−2	−12	52.69	55.05	+7	−6	52.33	7.01	−3	+7	47.80	16.17	−10	0
5	49.06	44.50	+2	−11	52.75	55.43	+8	−2	52.24	7.36	−7	+6	47.59	16.41	−9	−4
6	49.24	44.84	+6	−9	52.81	55.81	+7	+2	52.15	7.71	−9	+2	47.37	16.65	−6	−7
7	49.42	45.18	+8	−5	{52.86 / 52.91}	56.19 / 56.57	+4 / 0	+6 / +7	52.05	8.06	−10	−2	47.15	16.88	−1	−8
8	49.60	45.52	+8	0	52.95	56.95	−5	+7	51.95	8.41	−8	−6	46.93	17.11	+3	−7
9	49.77	45.86	+6	+4	52.99	57.33	−8	+5	51.85	8.75	−4	−8	46.70	17.33	+8	−4
10	49.94	46.21	+3	+7	53.02	57.71	−10	+1	51.74	9.09	+1	−8	46.47	17.55	+10	0
11	50.10	46.56	−2	+8	53.05	58.10	−9	−3	51.62	9.43	+5	−6	46.24	17.76	+10	+4
12	50.26	46.91	−6	+7	53.07	58.48	−6	−6	51.50	9.76	+9	−2	46.00	17.97	+8	+8
13	50.42	47.26	−9	+4	53.09	58.86	−2	−7	51.38	10.09	+10	+2	45.76	18.17	+5	+10
14	50.57	47.62	−10	0	53.10	59.24	+3	−7	51.25	10.42	+10	+6	45.52	18.36	+1	+10
15	50.72	47.98	−8	−4	53.11	59.62	+7	−4	51.12	10.74	+8	+9	45.28	18.55	−2	+9
16	50.86	48.34	−5	−6	53.12	60.00	+10	0	50.98	11.06	+4	+10	45.03	18.74	−6	+6
17	51.00	48.70	0	−7	53.12	60.38	+11	+4	50.84	11.38	0	+10	44.78	18.92	−8	+3
18	51.13	49.06	+5	−5	53.12	60.76	+10	+8	50.69	11.69	−4	+8	44.53	19.09	−9	−1
19	51.26	49.42	+9	−2	53.11	61.14	+7	+10	50.54	12.00	−7	+5	44.27	19.25	−8	−5
20	51.38	49.79	+11	+2	53.10	61.52	+3	+11	50.39	12.31	−8	+2	44.01	19.41	−6	−8
21	51.50	50.16	+10	+6	53.08	61.90	−1	+10	50.23	12.61	−9	−2	43.75	19.56	−3	−10
22	51.62	50.53	+8	+9	53.06	62.28	−5	+7	50.07	12.91	−7	−6	43.49	19.71	+1	−10
23	51.73	50.90	+5	+10	53.03	62.66	−8	+4	49.90	13.21	−5	−9	43.22	19.85	+4	−9
24	51.84	51.27	+1	+10	53.00	63.03	−9	0	49.73	13.50	−2	−10	42.95	19.99	+7	−6
25	51.95	51.64	−3	+9	52.96	63.40	−8	−4	49.56	13.79	+2	−10	42.68	20.12	+8	−2
26	52.05	52.01	−6	+6	52.92	63.77	−7	−7	49.38	14.07	+6	−8	42.41	20.24	+8	+2
27	52.15	52.39	−8	+2	52.87	64.14	−4	−10	49.20	14.35	+8	−4	42.14	20.36	+5	+6
28	52.24	52.77	−9	−2	52.82	64.51	0	−11	49.01	14.62	+8	0	41.87	20.47	+1	+8
29	52.33	53.15	−8	−6	52.76	64.87	+3	−10	48.82	14.89	+7	+4	41.59	20.58	−3	+8
30	52.41	53.53	−6	−9	52.70	65.23	+7	−7	48.62	15.15	+4	+7	41.31	20.68	−7	+6
31	52.49	53.91	−3	−11	52.64	65.59	+8	−3	48.42	15.41	0	+8	41.03	20.78	−9	+2
32					52.57	65.95	+8	+1					40.75	20.87	−10	−2

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+85° 54′ 40″	14.024	+13.989	+85° 55′ 0″	14.043	+14.008	+85° 55′ 20″	14.063	+14.027
50	14.034	+13.998	10	14.053	+14.017	30	14.072	+14.037

$\alpha_{1935.0} = 0^h\ 59^m\ 29^s.69$ $\delta_{1935.0} = +85°\ 54'\ 34''.31$

Scheinbare Sternörter 1935

Obere Kulmination Greenwich

Nb) α Ursae minoris $2^{m}.12$

Tag	Januar			Februar			März			April		
	AR.	Dekl.	☾Glieder	AR.	Dekl.	☾Glieder	AR.	Dekl.	☾Glieder	AR.	Dekl.	☾Glieder
	$1^{h}\ 39^{m}$	+ 88° 57′	in $0^{s}.01$ | $0''.01$	$1^{h}\ 38^{m}$	+ 88° 57′	in $0^{s}.01$ | $0''.01$	$1^{h}\ 38^{m}$	+ 88° 57′	in $0^{s}.01$ | $0''.01$	$1^{h}\ 38^{m}$	+ 88° 57′	in $0^{s}.01$ | $0''.01$
1	$54^{s}.24$	$40''.71$	0 −12	$79^{s}.06$	$42''.10$	+33 + 1	$50^{s}.79$	$38''.15$	+28 + 3	$34^{s}.22$	$29''.75$	−27 + 7
2	53.17	40.85	+17 −10	77.93	42.04	+25 + 6	49.97	37.93	+16 + 7	34.03	29.44	−36 + 4
3	52.10	40.99	+30 − 7	76.80	41.97	+11 + 9	49.17	37.71	− 1 + 9	33.85	29.13	−36 0
4	51.01	41.12	+36 − 2	75.68	41.90	− 7 +10	48.38	37.48	−18 + 9	33.70	28.82	−27 − 4
5	49.92	41.24	+33 + 4	74.56	41.82	−22 + 9	47.61	37.25	−31 + 7	33.57	28.51	−11 − 6
6	48.82	41.36	+22 + 8	73.45	41.73	−33 + 6	46.85	37.01	−36 + 3	33.47	28.20	+ 7 − 7
7	47.71	41.47	+ 5 +11	72.35	41.64	−35 + 2	46.11	36.77	−32 − 1	33.38	27.89	+23 − 6
8	46.60	41.57	−12 +11	71.26	41.54	−28 − 2	45.40	36.52	−20 − 4	33.32	27.57	+35 − 3
9	45.48	41.67	−27 + 9	70.17	41.44	−13 − 5	44.70	36.27	− 4 − 6	33.29	27.26	+40 + 1
10	44.35	41.76	−34 + 5	69.09	41.33	+ 4 − 7	44.01	36.02	+14 − 6	33.27	26.95	+38 + 4
11	43.22	41.84	−32 0	68.02	41.21	+20 − 6	43.35	35.76	+30 − 5	33.28	26.64	+29 + 7
12	42.09	41.92	−23 − 4	66.97	41.09	+33 − 4	42.71	35.50	+39 − 2	33.31	26.33	+16 + 9
13	40.95	41.99	− 8 − 6	65.92	40.96	+40 0	42.09	35.24	+40 + 2	33.36	26.02	+ 1 + 9
14	39.81	42.06	+10 − 7	64.88	40.83	+39 + 3	41.48	34.97	+35 + 5	33.43	25.71	−14 + 8
15	38.66	42.12	+25 − 6	63.85	40.69	+31 + 6	40.90	34.70	+24 + 8	33.53	25.40	−26 + 6
16	37.51	42.17	+36 − 3	62.83	40.54	+19 + 8	40.34	34.43	+10 + 9	33.65	25.09	−34 + 2
17	36.35	42.21	+39 0	61.83	40.39	+ 4 + 9	39.80	34.15	− 5 + 9	*)33.79	24.79	−36 − 2
18	35.20	42.25	+35 + 4	60.83	40.23	−11 + 8	39.28	33.88	−19 + 7	33.96	24.48	−33 − 6
19	34.04	42.28	+26 + 6	59.85	40.07	−24 + 6	38.78	33.60	−30 + 4	34.14	24.18	−23 − 9
20	32.88	42.31	+13 + 8	58.88	39.90	−34 + 3	38.30	33.31	−36 0	34.35	23.87	− 8 −11
21	31.72	42.33	− 2 + 8	57.92	39.73	−37 − 1	37.84	33.03	−36 − 4	34.58	23.56	+ 8 −11
22	30.56	42.34	−17 + 7	56.98	39.55	−35 − 6	37.40	32.74	−29 − 8	34.83	23.26	+22 − 9
23	29.41	42.35	−30 + 4	56.05	39.36	−27 − 9	36.98	32.45	−19 −11	35.11	22.96	+32 − 5
24	28.25	42.35	−37 + 1	55.14	39.17	−13 −12	36.59	32.15	− 2 −12	35.40	22.66	+33 0
25	27.09	42.34	−39 − 3	54.24	38.97	+ 3 −12	36.21	31.86	+13 −11	35.72	22.36	+26 + 4
26	25.94	42.32	−34 − 7	53.35	38.77	+19 −11	35.86	31.56	+26 − 8	36.06	22.06	+13 + 7
27	24.78	42.30	−23 −11	52.48	38.57	+30 − 7	35.53	31.26	+33 − 4	36.42	21.77	− 5 + 9
28	23.63	42.27	− 7 −12	51.63	38.36	+33 − 2	35.23	30.96	+31 + 1	36.80	21.47	−22 + 8
29	22.49	42.24	+10 −12	50.79	38.15	+28 + 3	34.94	30.66	+21 + 5	37.20	21.18	−34 + 5
30	21.34	42.20	+25 − 9				34.68	30.36	+ 6 + 8	37.62	20.89	−38 + 1
31	20.20	42.15	+33 − 5				34.44	30.05	−12 + 9	38.06	20.61	−32 − 3
32	19.06	42.10	+33 + 1				34.22	29.75	−27 + 7			

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+88° 57′ 20″	54.861	+54.852	+88° 57′ 30″	55.007	+54.998	+88° 57′ 40″	55.154	+55.145
30	55.007	+54.998	40	55.154	+55.145	50	55.302	+55.293

$\alpha_{1935.0} = 1^{h}\ 39^{m}\ 39^{s}.06$ $\delta_{1935.0} = +88°\ 57'\ 13''.81$

*) Tag der doppelten unteren Kulmination: April 17

Scheinbare Sternörter 1935

Obere Kulmination Greenwich

Nb) α Ursae minoris $2^{m}.12$

Tag	Mai			Juni			Juli			August		
	AR.	Dekl.	☾ Glieder	AR.	Dekl.	☾ Glieder	AR.	Dekl.	☾ Glieder	AR.	Dekl.	☾ Glieder
	$1^{h}\ 38^{m}$	+ 88° 57′	in $0^{s}.01$ | $0''.01$	$1^{h}\ 39^{m}$	+ 88° 57′	in $0^{s}.01$ | $0''.01$	$1^{h}\ 39^{m}$	+ 88° 57′	in $0^{s}.01$ | $0''.01$	$1^{h}\ 40^{m}$	+ 88° 57′	in $0^{s}.01$ | $0''.01$
1	$38^{s}.06$	$20''.61$	−32 − 3	$0^{s}.85$	$13''.34$	+25 − 6	$34^{s}.61$	$10''.42$	+38 + 3	$13^{s}.10$	$12''.48$	− 7 + 9
2	38.53	20.32	−19 − 6	1.84	13.17	+36 − 3	35.84	10.41	+30 + 7	14.31	12.63	−20 + 7
3	39.01	20.04	− 1 − 8	2.83	13.00	+40 + 1	37.07	10.40	+17 + 9	15.52	12.78	−30 + 4
4	39.52	19.77	+17 − 7	3.84	12.84	+36 + 5	38.31	10.40	+ 4 + 9	16.72	12.94	−35 0
5	40.04	19.49	+31 − 5	4.86	12.69	+26 + 7	39.55	10.40	−11 + 8	17.91	13.10	−35 − 4
6	40.58	19.22	+39 − 1	5.89	12.54	+12 + 9	40.80	10.41	−25 + 6	19.10	13.27	−28 − 8
7	41.14	18.95	+40 + 3	6.93	12.39	− 4 + 9	42.04	10.42	−33 + 2	20.28	13.44	−17 −11
8	41.73	18.68	+33 + 6	7.98	12.25	−17 + 7	43.29	10.44	−36 − 2	21.45	13.62	− 3 −12
9	42.33	18.41	+21 + 8	9.05	12.11	−28 + 5	44.54	10.47	−33 − 6	22.62	13.80	+12 −11
10	42.95	18.15	+ 7 + 9	10.13	11.98	−35 + 1	45.79	10.50	−25 − 9	23.78	13.99	+25 − 8
11	43.59	17.89	− 8 + 9	11.21	11.85	−36 − 3	47.04	10.53	−12 −11	24.93	14.18	+31 − 4
12	44.24	17.63	−22 + 7	12.31	11.73	−30 − 7	48.29	10.57	+ 4 −11	26.08	14.38	+30 + 1
13	44.92	17.38	−31 + 4	13.41	11.61	−20 −10	49.54	10.62	+19 −10	27.22	14.58	+21 + 5
14	45.61	17.13	−36 0	14.53	11.50	− 5 −11	50.80	10.67	+29 − 6	28.35	14.79	+ 7 + 8
15	46.32	16.89	−34 − 4	15.65	11.39	+11 −11	52.06	10.72	+33 − 2	29.48	15.00	−10 + 9
16	47.05	16.65	−26 − 8	16.79	11.29	+24 − 8	53.31	10.78	+29 + 3	30.60	15.22	−26 + 8
17	47.79	16.41	−14 −10	17.93	11.19	+33 − 4	54.56	10.85	+17 + 7	31.71	15.44	−34 + 5
18	48.55	16.18	+ 2 −11	19.07	11.10	+33 + 1	55.81	10.92	+ 1 +10	32.81	15.66	−34 + 1
19	49.33	15.95	+17 −10	20.23	11.02	+25 + 6	57.06	11.00	−16 +10	33.90	15.89	−26 − 3
20	50.12	15.72	+29 − 6	21.40	10.94	+12 + 9	58.31	11.08	−30 + 7	34.98	16.12	−11 − 6
21	50.93	15.50	+34 − 2	22.57	10.87	− 6 +10	59.56	11.17	−35 + 3	36.06	16.36	+ 8 − 7
22	51.76	15.28	+31 + 3	23.75	10.80	−23 + 9	60.80	11.26	−32 − 1	37.12	16.60	+24 − 6
23	52.60	15.07	+20 + 7	24.93	10.74	−33 + 5	62.05	11.36	−20 − 5	38.17	16.84	+37 − 3
24	53.46	14.86	+ 4 + 9	26.12	10.68	−36 + 1	63.29	11.46	− 4 − 7	39.21	17.09	+41 + 1
25	54.33	14.65	−14 + 9	27.32	10.63	−30 − 3	64.53	11.57	+14 − 7	40.24	17.34	+38 + 5
26	55.22	14.45	−29 + 7	28.52	10.58	−15 − 6	65.77	11.68	+29 − 5	41.27	17.60	+29 + 8
27	56.12	14.25	−36 + 3	29.73	10.54	+ 2 − 8	67.00	11.80	+39 − 2	42.28	17.86	+15 + 9
28	57.04	14.06	−35 − 1	30.94	10.50	+19 − 7	68.23	11.93	+40 + 2	43.28	18.12	0 + 9
29	57.97	13.87	−26 − 5	32.16	10.47	+33 − 4	69.45	12.06	+34 + 6	44.27	18.39	−15 + 8
30	58.92	13.69	− 9 − 7	33.38	10.44	+39 − 1	70.67	12.20	+23 + 8	45.26	18.66	−27 + 5
31	59.88	13.51	+ 9 − 8	34.61	10.42	+38 + 3	71.89	12.34	+ 8 + 9	46.23	18.94	−33 + 2
32	60.85	13.34	+25 − 6				73.10	12.48	− 7 + 9	47.18	19.22	−35 − 2

δ	sec δ	tg δ	δ	sec δ	tg δ
+88° 57′ 10″	54.715	+54.706	+88° 57′ 20″	54.861	+54.852
20	54.861	+54.852	30	55.007	+54.998

$\alpha_{1935.0} = 1^{h}\ 39^{m}\ 39^{s}.06$ $\delta_{1935.0} = +88°\ 57'\ 13''.81$

Scheinbare Sternörter 1935

Obere Kulmination Greenwich

Nb) α Ursae minoris $2^m.12$

Tag	September			Oktober			November			Dezember		
	AR.	Dekl.	☾ Glieder	AR.	Dekl.	☾ Glieder	AR.	Dekl.	☾ Glieder	AR.	Dekl.	☾ Glieder
	$1^h\,40^m$	+88° 57′	in 0.01^s | $0.01''$	$1^h\,41^m$	+88° 57′	in 0.01^s | $0.01''$	$1^h\,41^m$	+88° 57′	in 0.01^s | $0.01''$	$1^h\,40^m$	+88° 57′	in 0.01^s | $0.01''$
1	47.18	19.22	−35 − 2	9.74	29.00	−13 −10	17.45	40.99	+30 0	66.99	51.35	− 1 + 8
2	48.13	19.50	−31 − 6	10.26	29.36	+ 2 −11	17.38	41.37	+22 + 4	66.35	51.65	−17 + 8
3	49.07	19.79	−22 − 9	10.76	29.72	+15 −10	17.30	41.74	+ 8 + 7	65.70	51.95	−31 + 6
4	49.99	20.08	− 8 −11	11.25	30.09	+25 − 7	17.19	42.11	− 9 + 8	65.02	52.24	−37 + 2
5	50.90	20.37	+ 6 −11	11.71	30.46	+30 − 3	17.06	42.48	−24 + 7	64.33	52.53	−34 − 3
6	51.80	20.67	+20 −10	12.16	30.83	+27 + 1	16.92	42.85	−34 + 4	63.62	52.81	−24 − 6
7	52.69	20.97	+28 − 6	12.59	31.20	+17 + 5	16.75	43.22	−37 0	62.89	53.09	− 7 − 8
8	53.57	21.27	+31 − 2	13.01	31.57	+ 1 + 7	16.57	43.58	−31 − 4	62.15	53.37	+12 − 8
9	54.43	21.58	+24 + 3	13.40	31.95	−16 + 8	16.36	43.95	−17 − 7	61.39	53.64	+28 − 6
10	55.28	21.89	+12 + 7	13.78	32.32	−30 + 6	16.14	44.31	+ 1 − 8	60.62	53.91	+38 − 2
11	56.11	22.20	− 5 + 8	14.15	32.70	−37 + 3	15.90	44.67	+20 − 7	59.83	54.17	+39 + 2
12	56.93	22.52	−21 + 8	14.49	33.07	−35 − 1	15.63	45.03	+33 − 4	59.03	54.43	+33 + 6
13	57.74	22.84	−32 + 6	14.82	33.45	−25 − 5	15.35	45.38	+40 0	58.21	54.68	+22 + 9
14	58.53	23.16	−36 + 2	15.12	33.82	− 8 − 7	15.04	45.74	+39 + 4	57.37	54.93	+ 8 +10
15	59.31	23.49	−31 − 2	15.41	34.20	+10 − 7	14.72	46.09	+31 + 8	56.52	55.17	− 7 +10
16	60.07	23.81	−18 − 5	15.69	34.57	+27 − 5	14.38	46.44	+17 +10	55.65	55.41	−20 + 7
17	60.82	24.14	0 − 7	{15.94 {16.18	34.95 35.33	+38 − 2} +42 + 2}	14.02	46.78	+ 2 +10	54.77	55.64	−29 + 4
18	61.55	24.47	+18 − 6	16.39	35.71	+37 + 6	13.64	47.13	−12 + 9	53.88	55.87	−33 0
19	62.27	24.81	+33 − 4	16.59	36.08	+27 + 9	13.24	47.47	−24 + 6	52.97	56.09	−32 − 3
20	62.98	25.15	+41 0	16.78	36.46	+12 +10	12.82	47.81	−31 + 3	52.05	56.31	−24 − 7
21	63.67	25.49	+40 + 3	16.94	36.84	− 4 +10	12.38	48.15	−33 − 1	51.11	56.52	−13 − 9
22	64.35	25.83	+34 + 7	17.08	37.22	−17 + 8	11.93	48.48	−29 − 5	50.17	56.73	0 −10
23	65.01	26.17	+21 + 9	17.21	37.60	−27 + 5	11.45	48.81	−21 − 8	49.21	56.93	+14 −10
24	65.66	26.52	+ 6 +10	17.31	37.98	−32 + 1	10.96	49.14	− 8 −10	48.23	57.12	+25 − 7
25	66.29	26.87	− 9 + 9	17.40	38.36	−33 − 2	10.45	49.47	+ 6 −10	47.25	57.31	+31 − 3
26	66.90	27.22	−22 + 7	17.46	38.74	−27 − 6	9.92	49.79	+19 − 9	46.25	57.49	+30 + 1
27	67.50	27.57	−30 + 4	17.51	39.12	−17 − 9	9.37	50.11	+28 − 6	45.24	57.67	+21 + 5
28	68.08	27.92	−34 0	17.54	39.49	− 3 −10	8.80	50.43	+32 − 2	44.23	57.84	+ 7 + 8
29	68.65	28.28	−32 − 4	17.54	39.87	+11 −10	8.21	50.74	+27 + 3	43.20	58.01	−10 + 9
30	69.20	28.64	−24 − 8	17.53	40.24	+23 − 8	7.61	51.05	+15 + 6	42.16	58.17	−25 + 7
31	69.74	29.00	−13 −10	17.50	40.62	+30 − 5	6.99	51.35	− 1 + 8	41.11	58.32	−34 + 4
32				17.45	40.99	+30 0				40.05	58.47	−37 0

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+88° 57′ 10″	54.715	+54.706	+88° 57′ 30″	55.007	+54.998	+88° 57′ 50″	55.302	+55.293
20	54.861	+54.852	40	55.154	+55.145	60	55.451	+55.442

$\alpha_{1935.0} = 1^h\ 39^m\ 39^s.06$ $\delta_{1935.0} = +88°\ 57'\ 13''.81$

Scheinbare Sternörter 1935

Obere Kulmination Greenwich

Nc) Grb 750 $6^m.70$

Tag	Januar			Februar			März			April		
	AR.	Dekl.	☾ Glieder	AR.	Dekl.	☾ Glieder	AR.	Dekl.	☾ Glieder	AR.	Dekl.	☾ Glieder
	$4^h\ 15^m$	$+85°\ 23'$	in 0.01^s $0.01''$	$4^h\ 15^m$	$+85°\ 23'$	in 0.01^s $0.01''$	$4^h\ 15^m$	$+85°\ 23'$	in 0.01^s $0.01''$	$4^h\ 15^m$	$+85°\ 23'$	in 0.01^s $0.01''$
1	$40^s.07$	$11''.50$	− 7 −10	$34^s.91$	$18''.38$	+ 7 − 4	$28^s.09$	$20''.02$	+ 7 − 2	$20^s.97$	$16''.37$	− 1 +10
2	39.96	11.78	− 3 −11	34.69	18.52	+ 8 + 1	27.84	19.99	+ 7 + 3	20.78	16.17	− 4 + 9
3	39.85	12.07	+ 2 −10	34.47	18.65	+ 8 + 6	27.59	19.96	+ 5 + 8	20.59	15.96	− 7 + 5
4	39.74	12.35	+ 6 − 7	34.24	18.78	+ 5 +10	27.34	19.91	+ 2 +10	20.41	15.75	− 7 + 1
5	39.62	12.62	+ 8 − 2	34.01	18.90	+ 1 +11	27.09	19.86	− 2 +11	20.23	15.54	− 6 − 4
6	39.50	12.89	+ 9 + 3	33.78	19.02	− 2 +10	26.84	19.81	− 5 + 8	20.05	15.32	− 3 − 7
7	39.37	13.16	+ 7 + 8	33.55	19.13	− 5 + 7	26.59	19.75	− 7 + 4	19.88	15.10	+ 1 − 9
8	39.24	13.43	+ 4 +11	33.32	19.23	− 7 + 2	26.34	19.68	− 6 − 1	19.71	14.87	+ 5 − 8
9	39.11	13.69	0 +11	33.08	19.33	− 6 − 2	26.09	19.61	− 4 − 5	19.54	14.64	+ 8 − 6
10	38.97	13.95	− 4 + 9	32.84	19.43	− 3 − 6	25.85	19.53	− 1 − 8	19.38	14.41	+10 − 3
11	38.83	14.20	− 6 + 5	32.60	19.52	0 − 8	25.61	19.44	+ 3 − 9	19.22	14.17	+10 + 1
12	38.68	14.45	− 7 0	32.36	19.60	+ 4 − 8	25.37	19.35	+ 7 − 8	19.07	13.93	+ 8 + 5
13	38.53	14.69	− 5 − 4	32.12	19.67	+ 7 − 7	25.13	19.26	+ 9 − 5	18.92	13.69	+ 6 + 8
14	38.37	14.93	− 2 − 8	31.87	19.74	+ 9 − 4	24.89	19.15	+10 − 1	18.78	13.44	+ 2 + 9
15	38.21	15.16	+ 2 − 9	31.62	19.80	+10 0	24.65	19.04	+ 9 + 3	18.64	13.19	− 2 + 9
16	38.04	15.39	+ 5 − 8	31.37	19.86	+ 8 + 4	24.41	18.93	+ 7 + 6	18.51	12.94	− 5 + 7
17	37.87	15.61	+ 8 − 6	31.12	19.91	+ 6 + 7	24.17	18.81	+ 4 + 8	18.38	12.68	− 8 + 4
18	37.70	15.83	+ 9 − 2	30.87	19.95	+ 3 + 8	23.94	18.68	+ 1 + 9	18.25	12.42	−10 0
19	37.52	16.05	+ 9 + 1	30.62	19.99	− 1 + 9	23.71	18.55	− 3 + 8	18.13	12.16	−10 − 4
20	37.34	16.26	+ 7 + 5	30.37	20.02	− 5 + 8	23.48	18.41	− 7 + 6	18.01	11.89	− 8 − 8
21	37.16	16.46	+ 4 + 7	30.12	20.05	− 8 + 5	23.25	18.27	− 9 + 3	17.90	11.62	− 5 −10
22	36.97	16.66	+ 1 + 9	29.87	20.07	−10 + 1	23.03	18.12	−10 − 1	17.79	11.35	− 1 −11
23	36.78	16.86	− 3 + 8	29.62	20.08	−11 − 3	22.81	17.97	−10 − 5	17.69	11.08	+ 3 − 9
24	36.59	17.05	− 7 + 6	29.36	20.09	−10 − 7	22.59	17.81	− 8 − 9	17.59	10.80	+ 6 − 5
25	36.39	17.23	−10 + 3	29.10	20.09	− 7 −10	22.38	17.65	− 4 −11	17.49	10.52	+ 8 − 1
26	36.19	17.41	−11 − 1	28.84	20.08	− 3 −11	22.17	17.48	0 −11	17.40	10.24	+ 7 + 4
27	35.98	17.59	−11 − 5	28.59	20.07	+ 2 −10	21.96	17.31	+ 4 − 9	17.31	9.96	+ 5 + 8
28	35.77	17.76	− 9 − 9	28.34	20.05	+ 5 − 7	21.75	17.13	+ 7 − 4	17.23	9.68	+ 1 +10
29	35.56	17.92	− 5 −11	28.09	20.02	+ 7 − 2	21.55	16.95	+ 7 + 1	17.16	9.39	− 3 +10
30	35.35	18.08	0 −11				21.35	16.76	+ 6 + 6	17.09	9.10	− 6 + 7
31	35.13	18.23	+ 4 − 9				21.16	16.57	+ 3 + 9	17.02	8.81	− 8 + 3
32	34.91	18.38	+ 7 − 4				20.97	16.37	− 1 +10			

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+85° 23′ 0″	12.424	+12.384	+85° 23′ 10″	12.432	+12.391	+85° 23′ 20″	12.439	+12.399
10	12.432	+12.391	20	12.439	+12.399	30	12.446	+12.406

$\alpha_{1935.0} = 4^h\ 15^m\ 22^s.64$ $\delta_{1935.0} = +85°\ 22'\ 53''.13$

Scheinbare Sternörter 1935

Obere Kulmination Greenwich

Nc) Grb 750 6ᵐ.70

Tag	Mai AR.	Mai Dekl.	Mai ☾ Glieder	Juni AR.	Juni Dekl.	Juni ☾ Glieder	Juli AR.	Juli Dekl.	Juli ☾ Glieder	August AR.	August Dekl.	August ☾ Glieder
	$4^h 15^m$	+ $85° 22'$	in 0.01^s | $0.01''$	$4^h 15^m$	+ $85° 22'$	in 0.01^s | $0.01''$	$4^h 15^m$	+ $85° 22'$	in 0.01^s | $0.01''$	$4^h 15^m$	+ $85° 22'$	in 0.01^s | $0.01''$
1	17.02^s	$68.81''$	− 8 + 3	17.46^s	$59.54''$	+ 1 − 9	22.14^s	$51.82''$	+ 9 − 3	30.22^s	$47.14''$	+ 4 + 8
2	16.96	68.52	− 7 − 2	17.55	59.25	+ 5 − 8	22.36	51.61	+10 + 1	30.52	47.06	0 + 9
3	16.91	68.23	− 5 − 6	17.64	58.96	+ 8 − 6	22.58	51.40	+ 8 + 4	30.82	46.98	− 4 + 8
4	16.86	67.93	− 1 − 9	17.74	58.67	+10 − 2	22.80	51.20	+ 6 + 7	31.12	46.91	− 7 + 6
5	16.81	67.63	+ 3 − 9	17.85	58.38	+ 9 + 2	23.03	51.00	+ 2 + 9	31.42	46.84	− 9 + 2
6	16.77	67.33	+ 7 − 7	17.96	58.10	+ 8 + 5	23.26	50.81	− 1 + 9	31.72	46.78	−10 − 2
7	16.73	67.03	+ 9 − 4	18.08	57.82	+ 5 + 8	23.49	50.62	− 5 + 7	32.03	46.72	−10 − 6
8	16.70	66.73	+10 0	18.20	57.54	+ 1 + 9	23.73	50.43	− 8 + 4	32.34	46.67	− 8 − 9
9	16.67	66.43	+ 9 + 4	18.32	57.26	− 3 + 8	23.97	50.24	−10 + 1	32.65	46.62	− 3 −11
10	16.65	66.13	+ 7 + 7	18.45	56.99	− 6 + 6	24.21	50.06	−10 − 3	32.96	46.58	0 −11
11	16.63	65.83	+ 4 + 9	18.58	56.72	− 9 + 3	24.46	49.88	− 9 − 7	33.27	46.54	+ 4 − 8
12	16.62	65.53	0 + 9	18.72	56.45	−10 − 1	24.71	49.71	− 6 −10	33.58	46.50	+ 6 − 4
13	16.62	65.23	− 4 + 8	18.86	56.18	−10 − 5	24.96	49.54	− 2 −11	33.89	46.47	+ 7 + 1
14	16.62	64.93	− 7 + 5	19.01	55.91	− 8 − 8	25.21	49.37	+ 2 −10	34.20	46.45	+ 6 + 6
15	16.62	64.62	− 9 + 2	19.16	55.65	− 4 −10	25.47	49.21	+ 6 − 6	34.51	46.43	+ 4 + 9
16	16.63	64.31	−10 − 2	19.32	55.39	0 −10	25.73	49.05	+ 8 − 2	34.82	46.41	0 +11
17	16.64	64.01	− 9 − 6	19.48	55.13	+ 4 − 8	25.99	48.90	+ 8 + 4	35.13	46.40	− 4 + 9
18	16.66	63.71	− 6 − 9	19.64	54.87	+ 7 − 4	26.26	48.75	+ 6 + 8	35.45	46.39	− 6 + 6
19	16.69	63.41	− 2 −11	19.81	54.62	+ 8 + 1	26.53	48.61	+ 3 +10	35.77	46.39	− 7 + 1
20	16.72	63.11	+ 2 −10	19.98	54.37	+ 7 + 6	26.80	48.47	− 1 +10	36.09	46.39	− 5 − 3
21	16.75	62.81	+ 6 − 7	20.16	54.12	+ 5 + 9	27.07	48.34	− 5 + 8	36.41	46.40	− 2 − 7
22	16.79	62.51	+ 8 − 3	20.34	53.88	+ 1 +11	27.35	48.21	− 7 + 4	36.73	46.41	+ 2 − 9
23	16.84	62.21	+ 8 + 3	20.52	53.64	− 3 +10	27.63	48.08	− 7 − 1	37.05	46.43	+ 6 − 8
24	16.89	61.91	+ 6 + 7	20.71	53.40	− 6 + 6	27.91	47.96	− 5 − 5	37.37	46.45	+ 9 − 6
25	16.94	61.61	+ 3 +10	20.90	53.16	− 8 + 2	28.19	47.84	− 1 − 8	37.69	46.48	+10 − 2
26	17.00	61.31	− 1 +10	21.10	52.93	− 7 − 3	28.47	47.73	+ 3 − 9	38.01	46.51	+10 + 2
27	*)17.07	61.01	− 5 + 8	21.30	52.70	− 4 − 7	28.76	47.62	+ 6 − 8	38.33	46.55	+ 8 + 5
28	17.14	60.71	− 8 + 4	21.50	52.48	0 − 9	29.05	47.52	+ 9 − 5	38.65	46.59	+ 6 + 8
29	17.21	60.41	− 8 0	21.71	52.26	+ 4 − 9	29.34	47.42	+10 − 1	38.97	46.63	+ 2 + 9
30	17.29	60.12	− 6 − 5	21.92	52.04	+ 7 − 7	29.63	47.32	+ 9 + 3	39.29	46.68	− 2 + 9
31	17.37	59.83	− 3 − 8	22.14	51.82	+ 9 − 3	29.92	47.23	+ 7 + 6	39.61	46.73	− 6 + 7
32	17.46	59.54	+ 1 − 9				30.22	47.14	+ 4 + 8	39.92	46.79	− 8 + 4

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+85° 22′ 40″	12.409	+12.369	+85° 22′ 50″	12.417	+12.376	+85° 23′ 0″	12.424	+12.384
50	12.417	+12.376	60	12.424	+12.384	10	12.432	+12.391

$\alpha_{1935.0} = 4^h\,15^m\,22^s.64$ $\qquad \delta_{1935.0} = +85°\,22'\,53''.13$

*) Tag der doppelten unteren Kulmination: Mai 27

Scheinbare Sternörter 1935

Obere Kulmination Greenwich

Nc) Grb 750 6m.70

Tag	September AR.	September Dekl.	September ☾ Glieder	Oktober AR.	Oktober Dekl.	Oktober ☾ Glieder	November AR.	November Dekl.	November ☾ Glieder	Dezember AR.	Dezember Dekl.	Dezember ☾ Glieder
	4h 15m	+85° 22′	in 0.01s 0.01″	4h 15m	+85° 22′	in 0.01s 0.01″	4h 15m	+85° 22′	in 0.01s 0.01″	4h 15m	+85° 23′	in 0.01s 0.01″
1	39.92	46.79	− 8 + 4	49.11	50.65	− 9 − 7	56.66	58.33	+ 3 − 8	60.62	8.29	+ 5 + 7
2	40.23	46.85	−10 0	49.39	50.85	− 6 − 9	56.85	58.63	+ 5 − 5	60.67	8.63	+ 1 + 9
3	40.55	46.92	−10 − 4	49.67	51.05	− 3 −11	57.04	58.93	+ 6 0	60.72	8.97	− 3 + 9
4	40.87	47.00	− 9 − 8	49.95	51.25	0 −10	57.23	59.23	+ 6 + 4	60.77	9.30	− 6 + 7
5	41.19	47.08	− 6 −10	50.23	51.46	+ 4 − 7	57.41	59.53	+ 3 + 8	60.81	9.63	− 8 + 3
6	41.51	47.16	− 2 −11	50.51	51.67	+ 6 − 3	57.59	59.83	− 1 +10	60.84	9.96	− 8 − 1
7	41.83	47.25	+ 2 −10	50.78	51.88	+ 6 + 2	57.76	60.14	− 4 + 9	60.87	10.29	− 6 − 6
8	42.15	47.34	+ 5 − 6	51.05	52.10	+ 5 + 6	57.93	60.45	− 7 + 6	60.89	10.62	− 2 − 8
9	42.47	47.44	+ 6 − 1	51.32	52.32	+ 2 + 9	58.09	60.76	− 8 + 1	60.91	10.95	+ 2 − 9
10	42.78	47.54	+ 6 + 4	51.58	52.54	− 2 +10	58.25	61.07	− 7 − 3	60.92	11.28	+ 6 − 8
11	43.09	47.64	+ 4 + 8	51.84	52.77	− 6 + 8	58.40	61.38	− 4 − 7	60.93	11.61	+ 9 − 4
12	43.40	47.75	+ 1 +10	52.10	53.00	− 8 + 4	58.55	61.70	0 − 9	60.93	11.94	+10 0
13	43.71	47.86	− 3 +10	52.36	53.23	− 8 0	58.70	62.02	+ 4 − 9	60.93	12.27	+10 + 4
14	44.02	47.98	− 6 + 7	52.61	53.47	− 6 − 5	58.84	62.34	+ 8 − 6	60.92	12.60	+ 8 + 7
15	44.33	48.10	− 7 + 3	52.86	53.71	− 2 − 8	58.98	62.66	+10 − 3	60.91	12.92	+ 4 + 9
16	44.64	48.23	− 7 − 2	53.11	53.96	+ 2 − 9	59.11	62.98	+11 + 1	60.89	13.24	0 + 9
17	44.95	48.36	− 4 − 6	53.36	54.21	+ 6 − 8	59.24	63.30	+ 9 + 5	60.86	13.56	− 3 + 8
18	45.26	48.50	0 − 8	53.60	54.46	+ 9 − 5	59.36	63.63	+ 7 + 8	60.83	13.88	− 6 + 5
19	45.57	48.64	+ 4 − 9	53.84	54.72	+11 − 1	59.48	63.96	+ 3 + 9	60.80	14.20	− 8 + 2
20	45.87	48.79	+ 8 − 7	54.08	54.98	+10 + 3	59.60	64.29	− 1 + 9	60.76	14.52	− 9 − 2
21	46.17	48.94	+10 − 3	54.31	55.24	+ 8 + 7	59.71	64.62	− 4 + 7	60.72	14.84	− 8 − 6
22	46.47	49.09	+11 0	54.54	55.51	+ 5 + 9	59.82	64.95	− 7 + 4	60.67	15.15	− 6 − 8
23	46.77	49.25	+10 + 4	54.77	55.78	+ 1 + 9	59.92	65.28	− 9 + 1	60.62	15.46	− 3 −10
24	47.07	49.41	+ 7 + 7	54.99	56.05	− 2 + 9	60.02	65.61	− 9 − 3	60.56	15.77	+ 1 −10
25	47.37	49.57	+ 4 + 9	55.21	56.33	− 6 + 6	60.11	65.94	− 8 − 7	60.50	16.08	+ 4 − 8
26	47.66	49.74	0 + 9	55.43	56.61	− 8 + 3	{60.20 60.28	66.27 66.60	− 5 − 9 − 1 −10}	60.43	16.38	+ 7 − 4
27	47.95	49.91	− 4 + 8	55.64	56.89	− 9 − 1	60.36	66.93	+ 2 − 9	60.35	16.68	+ 7 + 1
28	48.24	50.09	− 7 + 5	55.85	57.17	− 9 − 5	60.43	67.27	+ 5 − 6	60.27	16.98	+ 6 + 6
29	48.53	50.27	− 9 + 2	56.06	57.46	− 7 − 8	60.50	67.61	+ 7 − 2	60.19	17.27	+ 3 + 9
30	48.82	50.46	− 9 − 3	56.26	57.75	− 4 −10	60.56	67.95	+ 7 + 3	60.10	17.56	− 1 +10
31	49.11	50.65	− 9 − 7	56.46	58.04	0 −10	60.62	68.29	+ 5 + 7	60.00	17.85	− 4 + 9
32				56.66	58.33	+ 3 − 8				59.90	18.14	− 7 + 6

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+85° 22′ 40″	12.409	+12.369	+85° 23′ 0″	12.424	+12.384	+85° 23′ 10″	12.432	+12.391
50	12.417	+12.376	10	12.432	+12.391	20	12.439	+12.399

$\alpha_{1935.0} = 4^h\ 15^m\ 22^s.64$ $\delta_{1935.0} = +\ 85°\ 22'\ 53''.13$

Scheinbare Sternörter 1935

Obere Kulmination Greenwich

Nd) 51 Hev. Cephei $5^{m}.26$

Tag	Januar			Februar			März			April		
	AR.	Dekl.	☾ Glieder	AR.	Dekl.	☾ Glieder	AR.	Dekl.	☾ Glieder	AR.	Dekl.	☾ Glieder
	$7^{h}\ 11^{m}$	+ 87° 9′	in 0.01ˢ 0.01″	$7^{h}\ 11^{m}$	+ 87° 9′	in 0.01ˢ 0.01″	$7^{h}\ 11^{m}$	+ 87° 9′	in 0.01ˢ 0.01″	$7^{h}\ 10^{m}$	+ 87° 9′	in 0.01ˢ 0.01″
1	22.01	9.92	−18 + 2	22.78	19.78	+ 5 − 8	16.47	26.86	+ 7 − 6	64.71	30.31	+ 8 + 9
2	22.18	10.22	−17 − 3	22.66	20.07	+11 − 5	16.15	27.05	+12 − 2	64.30	30.33	+ 2 +10
3	22.33	10.52	−13 − 7	22.54	20.36	+14 0	15.82	27.24	+13 + 3	63.88	30.34	− 3 + 9
4	22.47	10.82	− 6 − 9	22.40	20.65	+14 + 4	15.49	27.42	+11 + 7	63.46	30.35	− 8 + 6
5	22.61	11.13	+ 1 −10	22.25	20.94	+11 + 8	15.15	27.60	+ 7 +10	63.04	30.35	−10 + 1
6	22.74	11.44	+ 8 − 7	22.10	21.23	+ 6 +10	14.81	27.77	+ 1 +10	62.63	30.34	− 9 − 4
7	22.86	11.76	+14 − 3	21.94	21.51	0 + 9	14.46	27.94	− 4 + 7	62.22	30.33	− 6 − 8
8	22.97	12.07	+16 + 2	21.77	21.79	− 6 + 6	14.10	28.10	− 8 + 4	61.81	30.31	− 1 −10
9	23.07 23.16	12.38 12.69	+14 + 6 +10 + 9	21.59	22.07	− 9 + 2	13.74	28.26	−10 − 1	61.40	30.29	+ 5 −10
10	23.24	13.00	+ 3 +10	21.40	22.34	− 9 − 3	13.38	28.41	− 8 − 6	60.99	30.26	+10 − 9
11	23.32	13.31	− 3 + 8	21.21	22.61	− 7 − 7	13.02	28.55	− 4 − 9	60.58	30.22	+13 − 6
12	23.38	13.62	− 8 + 5	21.00	22.88	− 2 −10	12.65	28.69	+ 1 −11	60.17	30.18	+14 − 2
13	23.44	13.93	−10 0	20.79	23.15	+ 3 −10	12.28	28.83	+ 6 −10	59.76	30.13	+13 + 2
14	23.48	14.24	− 9 − 5	20.57	23.41	+ 8 − 9	11.90	28.96	+11 − 8	59.35	30.08	+10 + 6
15	23.52	14.55	− 6 − 8	20.34	23.67	+11 − 7	11.52	29.09	+13 − 4	58.95	30.02	+ 6 + 8
16	23.55	14.87	− 1 −10	20.11	23.92	+13 − 3	11.14	29.21	+14 0	58.55	29.95	0 +10
17	23.57	15.18	+ 4 −10	19.87	24.17	+13 + 1	10.75	29.32	+12 + 4	58.15	29.88	− 6 + 9
18	23.58	15.49	+ 9 − 8	19.62	24.42	+10 + 5	10.36	29.43	+ 8 + 7	57.75	29.81	−11 + 7
19	23.58	15.80	+12 − 5	19.37	24.66	+ 6 + 8	9.97	29.53	+ 3 + 9	57.35	29.72	−15 + 4
20	23.57	16.11	+13 − 1	19.11	24.90	0 +10	9.58	29.63	− 3 +10	56.96	29.63	−16 − 1
21	23.55	16.42	+11 + 3	18.84	25.13	− 6 + 9	9.18	29.72	− 9 + 9	56.57	29.54	−15 − 5
22	23.52	16.73	+ 8 + 6	18.57	25.36	−11 + 8	8.78	29.80	−14 + 6	56.18	29.44	−10 − 8
23	23.49	17.04	+ 3 + 9	18.29	25.59	−16 + 5	8.38	29.88	−17 + 2	55.80	29.33	− 4 − 9
24	23.44	17.35	− 3 +10	18.00	25.81	−18 + 1	7.98	29.95	−17 − 2	55.42	29.22	+ 3 − 8
25	23.39	17.66	− 9 + 9	17.70	26.03	−17 − 4	7.58	30.02	−14 − 6	55.04	29.10	+ 9 − 5
26	23.33	17.97	−14 + 7	17.40	26.24	−13 − 7	7.17	30.08	− 9 − 9	54.67	28.98	+12 − 1
27	23.26	18.28	−17 + 3	17.10	26.45	− 7 − 9	6.76	30.13	− 2 − 9	54.30	28.85	+13 + 4
28	23.18	18.58	−18 − 1	16.79	26.66	+ 1 − 9	6.35	30.18	+ 5 − 7	53.93	28.71	+10 + 8
29	23.09	18.88	−16 − 5	16.47	26.86	+ 7 − 6	5.94	30.22	+10 − 4	53.57	28.57	+ 4 +10
30	23.00	19.18	−10 − 8				5.53	30.26	+12 + 1	53.21	28.43	− 2 +10
31	22.90	19.48	− 3 − 9				5.12	30.29	+12 + 6	52.85	28.28	− 7 + 7
32	22.78	19.78	+ 5 − 8				4.71	30.31	+ 8 + 9			

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+87° 9′ 0″	20.112	+20.087	+87° 9′ 10″	20.132	+20.107	+87° 9′ 30″	20.171	+20.146
10	20.132	+20.107	20	20.151	+20.126	40	20.191	+20.166

$\alpha_{1935.0} = 7^{h}\ 10^{m}\ 44^{s}.72 \qquad \delta_{1935.0} = +87°\ 9'\ 10''.72$

Scheinbare Sternörter 1935

Obere Kulmination Greenwich

Nd) 51 Hev. Cephei $5^m.26$

Tag	Mai AR.	Mai Dekl.	Mai ☾ Glieder		Juni AR.	Juni Dekl.	Juni ☾ Glieder		Juli AR.	Juli Dekl.	Juli ☾ Glieder		August AR.	August Dekl.	August ☾ Glieder	
	$7^h 10^m$	$+87°9'$	in $0^s.01$	in $0''.01$	$7^h 10^m$	$+87°9'$	in $0^s.01$	in $0''.01$	$7^h 10^m$	$+87°9'$	in $0^s.01$	in $0''.01$	$7^h 10^m$	$+87°8'$	in $0^s.01$	in $0''.01$
1	$52^s.85$	$28''.28$	−7	+7	$44^s.39$	$21''.42$	−6	−8	$42^s.33$	$12''.18$	+8	−9	$47^s.10$	$62''.25$	+12	+4
2	52.50	28.12	−11	+3	44.22	21.14	−1	−10	42.37	11.85	+12	−6	47.36	61.95	+8	+7
3	52.15	27.96	−11	−2	44.05	20.86	+5	−10	42.43	11.52	+14	−2	47.63	61.65	+2	+9
4	51.80	27.80	−8	−6	43.89	20.58	+10	−8	42.49	11.19	+13	+2	47.91	61.35	−4	+9
5	51.46	27.63	−4	−9	43.74	20.29	+13	−5	42.56	10.86	+10	+5	48.19	61.05	−9	+8
6	51.13	27.45	+2	−11	43.59	20.00	+14	−1	42.63	10.53	+6	+8	48.47	60.76	−14	+6
7	50.80	27.27	+7	−10	43.46	19.71	+12	+3	42.71	10.20	0	+9	48.77	60.47	−17	+2
8	50.47	27.09	+12	−7	43.33	19.41	+9	+6	42.80	9.87	−6	+9	49.07	60.18	−17	−2
9	50.15	26.90	+14	−3	43.20	19.11	+4	+9	42.90	9.54	−11	+7	49.37	59.89	−14	−6
10	49.84	26.71	+14	+1	43.08	18.81	−2	+10	*)43.01	9.21	−15	+4	49.68	59.61	−9	−8
11	49.53	26.51	+11	+4	42.97	18.51	−8	+9	43.12	8.88	−17	0	50.00	59.33	−3	−9
12	49.22	26.31	+7	+7	42.87	18.21	−13	+6	43.24	8.56	−16	−4	50.32	59.05	+4	−7
13	48.92	26.10	+2	+9	42.77	17.91	−16	+3	43.37	8.24	−12	−7	50.65	58.78	+10	−4
14	48.63	25.89	−4	+9	42.68	17.60	−16	−1	43.50	7.92	−6	−9	50.99	58.51	+13	0
15	48.34	25.68	−9	+8	42.60	17.29	−14	−5	43.64	7.60	+1	−9	51.33	58.24	+12	+5
16	48.06	25.46	−14	+5	42.53	16.98	−9	−8	43.79	7.28	+8	−6	51.67	57.97	+9	+9
17	47.78	25.23	−16	+1	42.46	16.67	−2	−9	43.95	6.96	+13	−2	52.02	57.70	+4	+10
18	47.51	25.00	−15	−3	42.40	16.36	+5	−8	44.11	6.64	+14	+3	52.38	57.44	−2	+9
19	47.25	24.77	−12	−7	42.35	16.04	+11	−5	44.28	6.32	+12	+7	52.74	57.18	−7	+5
20	46.99	24.53	−6	−9	42.31	15.72	+14	−1	44.46	6.00	+7	+10	53.11	56.92	−10	+1
21	46.74	24.29	+1	−9	42.27	15.40	+14	+4	44.64	5.68	+1	+10	53.48	56.67	−9	−4
22	46.49	24.05	+7	−7	42.24	15.08	+10	+8	44.83	5.36	−5	+8	53.86	56.42	−5	−8
23	46.25	23.80	+12	−3	42.22	14.76	+4	+10	45.03	5.04	−9	+4	54.24	56.17	0	−10
24	46.02	23.55	+13	+2	42.21	14.44	−2	+9	45.23	4.72	−10	−1	54.63	55.92	+5	−10
25	45.79	23.30	+12	+6	42.20	14.12	−7	+6	45.44	4.40	−9	−6	55.02	55.68	+10	−9
26	45.57	23.04	+7	+9	42.21	13.80	−11	+2	45.66	4.09	−4	−9	55.42	55.44	+14	−5
27	45.36	22.78	+1	+10	42.22	13.48	−11	−3	45.88	3.78	+1	−11	55.82	55.21	+15	−1
28	45.15	22.51	−5	+9	42.23	13.16	−8	−7	46.11	3.47	+6	−10	56.22	54.98	+13	+2
29	44.95	22.24	−10	+5	42.26	12.84	−3	−10	46.35	3.16	+11	−7	56.63	54.75	+10	+6
30	44.76	21.97	−11	0	42.29	12.51	+3	−10	46.59	2.85	+13	−4	57.04	54.52	+5	+8
31	44.57	21.70	−10	−5	42.33	12.18	+8	−9	46.84	2.55	+14	0	57.46	54.30	−1	+9
32	44.39	21.42	−6	−8					47.10	2.25	+12	+4	57.88	54.08	−7	+9

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+87° 8′ 50″	20.092	+20.068	+87° 9′ 0″	20.112	+20.087	+87° 9′ 20″	20.151	+20.126
60	20.112	+20.087	10	20.132	+20.107	30	20.171	+20.146

$\alpha_{1935.0} = 7^h\ 10^m\ 44^s.72$ $\delta_{1935.0} = +87°\ 9'\ 10''.72$

*) Tag der doppelten unteren Kulmination: Juli 10

Nd) 51 Hev. Cephei $5^m.26$

Tag	September AR.	September Dekl.	September ☾ Glieder		Oktober AR.	Oktober Dekl.	Oktober ☾ Glieder	
	$7^h 10^m$	+87° 8′	in 0.01 s	in 0.01 ″	$7^h 11^m$	+87° 8′	in 0.01 s	in 0.01 ″
1	57.88	54.08	− 7	+ 9	12.13	49.36	−16	+ 1
2	58.31	53.87	−12	+ 7	12.64	49.27	−16	− 3
3	58.74	53.66	−16	+ 3	13.15	49.19	−13	− 6
4	59.18	53.45	−17	0	13.67	49.11	− 8	− 8
5	59.62	53.25	−16	− 4	14.19	49.03	− 2	− 8
6	60.06	53.05	−12	− 7	14.71	48.96	+ 4	− 6
7	60.51	52.86	− 6	− 9	15.23	48.89	+ 9	− 3
8	60.96	52.67	+ 1	− 8	15.75	48.83	+11	+ 2
9	61.41	52.48	+ 7	− 5	16.27	48.77	+10	+ 6
10	61.87	52.29	+11	− 1	16.79	48.72	+ 6	+ 9
11	62.33	52.11	+12	+ 4	17.31	48.67	0	+10
12	62.79	51.93	+ 9	+ 8	17.83	48.62	− 5	+ 9
13	63.26	51.76	+ 5	+10	18.36	48.58	− 9	+ 5
14	63.73	51.59	− 1	+ 9	18.88	48.55	−11	0
15	64.20	51.42	− 6	+ 7	19.40	48.52	− 9	− 5
16	64.68	51.26	− 9	+ 3	19.92	48.49	− 5	− 9
17	65.16	51.10	−10	− 2	20.44	48.47	+ 1	−11
18	65.64	50.95	− 7	− 7	20.96	48.46	+ 7	−10
19	66.13	50.80	− 2	−10	21.48	48.45	+12	− 8
20	66.62	50.66	+ 4	−11	22.00	48.45	+15	− 5
21	67.11	50.52	+ 9	−10	22.52	48.45	+16	− 1
22	67.60	50.38	+13	− 7	23.04	48.46	+14	+ 3
23	68.09	50.25	+15	− 3	23.56	48.47	+10	+ 6
24	68.59	50.12	+15	+ 1	24.08	48.49	+ 5	+ 8
25	69.09	50.00	+12	+ 5	24.60	48.51	− 1	+ 9
26	69.59	49.88	+ 8	+ 8	25.11	48.53	− 7	+ 8
27	70.09	49.77	+ 2	+ 9	25.62	48.56	−12	+ 5
28	70.60	49.66	− 4	+ 9	26.13	48.60	−15	+ 2
29	71.11	49.56	− 9	+ 7	26.64	48.64	−15	− 1
30	71.62	49.46	−14	+ 4	27.15	48.68	−14	− 5
31	72.13	49.36	−16	+ 1	27.66	48.73	−10	− 8
32					28.17	48.79	− 3	− 9

Tag	November AR.	November Dekl.	November ☾ Glieder		Dezember AR.	Dezember Dekl.	Dezember ☾ Glieder	
	$7^h 11^m$	+87° 8′	in 0.01 s	in 0.01 ″	$7^h 11^m$	+87° 8′	in 0.01 s	in 0.01 ″
1	28.17	48.79	− 3	− 9	41.87	52.74	+11	− 2
2	28.68	48.85	+ 3	− 7	42.26	52.94	+12	+ 2
3	29.18	48.92	+ 8	− 4	42.64	53.15	+10	+ 7
4	29.68	48.99	+11	0	43.01	53.36	+ 5	+ 9
5	30.18	49.06	+10	+ 5	43.38	53.57	− 1	+10
6	30.67	49.14	+ 7	+ 8	43.74	53.79	− 7	+ 8
7	31.16	49.23	+ 2	+10	44.10	54.01	−11	+ 4
8	31.65	49.32	− 4	+ 9	44.45	54.24	−12	0
9	32.14	49.41	− 9	+ 7	44.80	54.47	−10	− 5
10	32.62	49.51	−11	+ 2	45.14	54.71	− 5	− 9
11	33.10	49.62	−11	− 3	45.47	54.95	+ 1	−10
12	33.58	49.73	− 8	− 7	45.80	55.19	+ 7	−10
13	34.05	49.85	− 2	−10	46.11	55.44	+12	− 7
14	34.52	49.97	+ 4	−11	46.42	55.69	+15	− 4
15	34.99	50.09	+10	− 9	46.73	55.94	+15	0
16	35.45	50.22	+14	− 6	47.02	56.20	+13	+ 4
17	35.91	50.36	+16	− 2	47.31	56.46	+ 8	+ 7
18	36.37	50.50	+15	+ 2	47.59	56.72	+ 3	+ 8
19	36.82	50.64	+12	+ 5	47.87	56.99	− 3	+ 9
20	37.27	50.79	+ 7	+ 8	48.13	57.26	− 8	+ 8
21	37.71	50.95	+ 1	+ 9	48.39	57.53	−12	+ 5
22	38.15	51.11	− 5	+ 8	48.64	57.81	−15	+ 1
23	38.58	51.27	−10	+ 6	48.89	58.09	−15	− 2
24	39.01	51.44	−13	+ 3	49.12	58.37	−12	− 6
25	39.44	51.61	−15	0	49.35	58.65	− 8	− 8
26	39.86	51.79	−14	− 4	49.57	58.93	− 1	− 9
27	40.27	51.97	−11	− 7	49.78	59.22	+ 5	− 7
28	40.68	52.16	− 5	− 9	49.98	59.51	+10	− 4
29	41.08	52.35	+ 1	− 8	50.18	59.80	+12	0
30	41.48	52.54	+ 7	− 6	50.36	60.09	+11	+ 5
31	41.87	52.74	+11	− 2	50.54	60.39	+ 8	+ 8
32					50.71	60.69	+ 2	+10

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+87° 8′ 40″	20.073	+ 20.048	+87° 8′ 50″	20.092	+ 20.068	+87° 9′ 0″	20.112	+ 20.087
50	20.092	+ 20.068	60	20.112	+ 20.087	10	20.132	+ 20.107

$\alpha_{1935.0} = 7^h\ 10^m\ 44.72$ $\delta_{1935.0} = +87°\ 9'\ 10''.72$

Scheinbare Sternörter 1935

Obere Kulmination Greenwich

Ne) I Hev. Draconis $4^{m}.58$

Tag	Januar				Februar				März				April			
	AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder	
	$9^{h}\ 28^{m}$	$+81°\ 36'$	in $0^{s}.01$	in $0''.01$	$9^{h}\ 28^{m}$	$+81°\ 36'$	in $0^{s}.01$	in $0''.01$	$9^{h}\ 28^{m}$	$+81°\ 36'$	in $0^{s}.01$	in $0''.01$	$9^{h}\ 28^{m}$	$+81°\ 37'$	in $0^{s}.01$	in $0''.01$
	s	"			s	"			s	"			s	"		
1	9.53	42.24	−6	+8	12.52	49.42	−3	−7	12.80	57.95	+2	−8	10.52	5.70	+5	+4
2	9.67	42.41	−7	+4	12.57	49.70	0	−8	12.76	58.24	+4	−6	10.41	5.89	+3	+7
3	9.80	42.58	−6	−1	12.62	49.98	+3	−8	12.72	58.53	+6	−2	10.30	6.08	+1	+8
4	9.93	42.76	−4	−5	12.67	50.26	+5	−5	12.68	58.82	+6	+2	10.19	6.26	−2	+7
5	10.06	42.94	−1	−8	12.71	50.55	+6	−1	12.64	59.10	+5	+5	10.08	6.43	−4	+4
6	10.18	43.13	+2	−9	12.75	50.84	+6	+3	12.59	59.38	+2	+8	9.97	6.60	−4	0
7	10.30	43.33	+4	−8	12.79	51.13	+4	+6	12.54	59.67	0	+8	9.85	6.77	−4	−5
8	10.42	43.53	+6	−4	12.82	51.42	+2	+7	12.49	59.95	−3	+6	9.73	6.93	−2	−8
9	10.54	43.73	+6	0	12.85	51.71	−1	+7	12.44	60.23	−4	+2	9.61	7.09	0	−10
10	10.66	43.94	+5	+4	12.88	52.00	−3	+4	12.38	60.50	−4	−2	9.49	7.24	+1	−11
11	10.77	44.15	+3	+7	12.91	52.30	−4	+1	12.32	60.77	−3	−6	9.37	7.39	+3	−9
12	10.88	44.37	+1	+7	12.93 12.95	52.60 52.90	−4 −3	−4 −7	12.26	61.04	−2	−9	9.25	7.53	+4	−7
13	10.99	44.59	−2	+6	12.97	53.20	−1	−10	12.19	61.31	0	−11	9.13	7.66	+5	−3
14	11.09	44.81	−4	+3	12.98	53.50	+1	−10	12.12	61.57	+2	−10	9.01	7.79	+5	+1
15	11.19	45.03	−4	−1	12.99	53.80	+3	−9	12.05	61.83	+4	−8	8.88	7.92	+4	+5
16	11.29	45.26	−4	−5	12.99	54.10	+4	−7	11.98	62.08	+5	−5	8.76	8.04	+2	+8
17	11.39	45.50	−3	−8	12.99	54.40	+5	−3	11.90	62.34	+5	−1	8.63	8.16	0	+10
18	11.48	45.74	−1	−10	12.99	54.70	+5	+1	11.82	62.59	+4	+3	8.50	8.27	−3	+10
19	11.57	45.98	+1	−10	12.99	55.00	+4	+4	11.74	62.84	+3	+6	8.37	8.37	−5	+8
20	11.66	46.23	+3	−8	12.98	55.30	+2	+8	11.66	63.08	+1	+9	8.24	8.47	−6	+5
21	11.75	46.48	+4	−5	12.97	55.60	0	+10	11.58	63.32	−1	+10	8.11	8.57	−6	+1
22	11.83	46.73	+5	−2	12.96	55.90	−3	+11	11.49	63.56	−4	+10	7.98	8.66	−5	−3
23	11.91	46.99	+4	+2	12.95	56.19	−5	+10	11.40	63.79	−5	+8	7.85	8.74	−3	−6
24	11.99	47.25	+3	+6	12.93	56.48	−6	+7	11.31	64.02	−6	+4	7.72	8.81	−1	−8
25	12.07	47.51	+1	+9	12.91	56.78	−7	+3	11.22	64.24	−6	0	7.59	8.88	+2	−8
26	12.14	47.77	−1	+11	12.89	57.08	−6	−1	11.13	64.46	−5	−4	7.46	8.95	+4	−5
27	12.21	48.04	−4	+11	12.86	57.37	−4	−5	11.03	64.68	−3	−7	7.33	9.01	+5	−1
28	12.28	48.31	−6	+9	12.83	57.66	−1	−7	10.93	64.89	0	−8	7.20	9.06	+5	+3
29	12.34	48.58	−7	+6	12.80	57.95	+2	−8	10.83	65.10	+3	−7	7.07	9.11	+4	+7
30	12.40	48.86	−7	+1					10.73	65.31	+5	−4	6.94	9.15	+1	+9
31	12.46	49.14	−5	−4					10.63	65.51	+5	0	6.81	9.19	−1	+8
32	12.52	49.42	−3	−7					10.52	65.70	+5	+4				

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+81° 36′ 40″	6.854	+6.781	+81° 36′ 50″	6.857	+6.783	+81° 37′ 0″	6.859	+6.786
50	6.857	+6.783	60	6.859	+6.786	10	6.861	+6.788

$\alpha_{1935.0} = 9^{h}\ 27^{m}\ 58^{s}.60$ $\delta_{1935.0} = +81°\ 36'\ 58''.15$

Scheinbare Sternörter 1935

Obere Kulmination Greenwich

Ne) I Hev. Draconis $4^{m}.58$

Tag	Mai				Juni				Juli				August			
	AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder	
	$9^h\,28^m$	$+81°\,37'$	in $0^s.01$	in $0''.01$	$9^h\,28^m$	$+81°\,37'$	in $0^s.01$	in $0''.01$	$9^h\,27^m$	$+81°\,36'$	in $0^s.01$	in $0''.01$	$9^h\,27^m$	$+81°\,36'$	in $0^s.01$	in $0''.01$
	s	"			s	"			s	"			s	"		
1	6.81	9.19	−1	+8	2.81	7.53	−4	−5	60.04	61.34	+1	−10	59.01	51.75	+5	−1
2	6.68	9.22	−3	+6	2.69	7.39	−2	−8	59.97	61.07	+3	−9	59.01	51.41	+4	+3
3	6.54	9.25	−4	+2	2.58	7.25	0	−10	59.91	60.80	+4	−7	59.01	51.07	+3	+7
4	6.40	9.27	−4	−2	2.47	7.10	+2	−10	59.85	60.52	+5	−3	59.02	50.73	+1	+9
5	6.26	9.28	−3	−6	2.36	6.94	+4	−8	59.79	60.24	+5	+1	59.03	50.39	−2	+10
6	6.12	9.29	−1	−9	2.25	6.78	+5	−5	59.73	59.96	+4	+5	59.04	50.04	−4	+10
7	5.98	9.29	+1	−11	2.14	6.61	+5	−2	59.68	59.67	+2	+8	59.05	49.69	−6	+8
8	5.84	9.29	+3	−10	2.03	6.44	+4	+2	59.63	59.38	0	+10	59.06	49.34	−7	+5
9	5.71	9.28	+4	−8	1.92	6.27	+3	+6	59.58	59.09	−3	+10	59.08	48.99	−6	0
10	5.58	9.27	+5	−4	1.82	6.09	+1	+9	59.53	58.80	−5	+9	59.10	48.64	−5	−4
11	5.45	9.25	+5	0	1.72	5.91	−1	+10	59.48	58.50	−6	+6	59.12	48.29	−3	−6
12	5.32	9.22	+4	+4	1.62	5.72	−3	+10	59.43	58.20	−6	+2	59.14	47.94	0	−7
13	5.19	9.19	+2	+7	1.52	5.53	−5	+8	59.39	57.90	−6	−2	59.17	47.59	+3	−7
14	5.06	9.15	0	+9	1.43	5.33	−6	+5	59.35	57.60	−4	−5	*)59.20	47.23	+5	−4
15	4.93	9.11	−2	+10	1.33	5.13	−6	0	59.31	57.29	−1	−8	59.23	46.88	+5	0
16	4.80	9.06	−4	+9	1.24	4.92	−5	−4	59.28	56.98	+1	−8	59.26	46.53	+5	+4
17	4.67	9.00	−5	+7	1.15	4.71	−3	−7	59.25	56.67	+4	−6	59.30	46.18	+3	+7
18	4.54	8.94	−6	+3	1.06	4.50	0	−8	59.22	56.36	+5	−3	59.34	45.83	+1	+8
19	4.41	8.87	−5	−1	0.97	4.28	+3	−8	59.19	56.04	+6	+1	59.38	45.48	−1	+7
20	4.28	8.80	−4	−5	0.88	4.06	+5	−5	59.16	55.72	+5	+5	59.42	45.13	−3	+4
21	4.15	8.73	−1	−8	0.79	3.83	+6	−1	59.13	55.40	+2	+7	59.46	44.78	−4	0
22	4.02	8.65	+1	−8	0.71	3.60	+5	+3	59.11	55.08	0	+8	59.50	44.43	−4	−5
23	3.89	8.56	+4	−7	0.63	3.36	+4	+6	59.09	54.76	−2	+6	59.55	44.08	−2	−8
24	3.77	8.47	+5	−3	0.55	3.12	+1	+8	59.07	54.43	−4	+3	59.60	43.73	0	−10
25	3.65	8.37	+5	+1	0.47	2.88	−1	+8	59.05	54.10	−4	−2	59.65	43.38	+2	−11
26	3.53	8.27	+4	+5	0.39	2.63	−3	+5	59.04	53.77	−4	−6	59.71	43.03	+4	−9
27	3.41	8.16	+2	+8	0.32	2.38	−4	+1	59.03	53.44	−2	−9	59.77	42.68	+5	−7
28	3.29	8.04	0	+9	0.25	2.12	−4	−3	59.02	53.11	0	−11	59.83	42.33	+5	−3
29	3.17	7.92	−2	+7	0.18	1.86	−3	−7	59.01	52.77	+2	−10	59.89	41.98	+5	+1
30	3.05	7.80	−4	+4	0.11	1.60	−1	−9	59.01	52.43	+4	−8	59.95	41.63	+4	+5
31	2.93	7.67	−4	0	0.04	1.34	+1	−10	59.01	52.09	+5	−5	60.01	41.28	+2	+8
32	2.81	7.53	−4	−5					59.01	51.75	+5	−1	60.08	40.93	−1	+10

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+81° 36′ 40″	6.854	+6.781	+81° 36′ 50″	6.857	+6.783	+81° 37′ 0″	6.859	+6.786
50	6.857	+6.783	60	6.859	+6.786	10	6.861	+6.788

$\alpha_{1935.0} = 9^h\ 27^m\ 58^s.60$ $\delta_{1935.0} = +81°\ 36'\ 58''.15$

*) Tag der doppelten unteren Kulmination: Aug. 14.

Scheinbare Sternörter 1935

Obere Kulmination Greenwich

Ne) I Hev. Draconis $4^m.58$

Tag	September				Oktober				November				Dezember			
	AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR	Dekl.	☾ Glieder	
	$9^h 28^m$	+ 81° 36′	in $0^s.01$	in $0''.01$	$9^h 28^m$	+ 81° 36′	in $0^s.01$	in $0''.01$	$9^h 28^m$	+ 81° 36′	in $0^s.01$	in $0''.01$	$9^h 28^m$	+ 81° 36′	in $0^s.01$	in $0''.01$
	s	"			s	"			s	"			s	"		
1	0.08	40.93	−1	+10	3.01	31.28	−5	+ 6	7.58	24.06	−3	− 6	12.70	21.38	+3	− 5
2	0.15	40.59	−3	+10	3.14	30.99	−6	+ 3	7.74	23.89	0	− 7	12.87	21.38	+5	− 2
3	0.22	40.24	−5	+ 9	3.27	30.71	−6	− 1	7.90	23.73	+2	− 6	13.04	21.38	+5	+ 2
4	0.29	39.89	−6	+ 6	3.40	30.43	−4	− 4	8.07	23.58	+4	− 4	13.21	21.38	+4	+ 6
5	0.37	39.55	−6	+ 2	3.53	30.15	−2	− 6	8.24	23.43	+5	0	13.38	21.40	+2	+ 9
6	0.45	39.21	−6	− 2	3.66	29.87	0	− 7	8.41	23.28	+4	+ 4	13.55	21.42	−1	+ 9
7	0.53	38.87	−4	− 5	3.79	29.60	+3	− 5	8.58	23.14	+3	+ 7	13.72	21.44	−3	+ 7
8	0.61	38.53	−1	− 7	3.93	29.33	+5	− 2	8.75	23.01	+1	+ 9	13.89	21.47	−5	+ 4
9	0.69	38.19	+1	− 7	4.07	29.07	+5	+ 2	8.92	22.88	−2	+ 9	14.06	21.51	−5	− 1
10	0.78	37.86	+4	− 5	4.21	28.81	+4	+ 5	9.09	22.75	−4	+ 6	14.22	21.55	−4	− 6
11	0.87	37.53	+5	− 1	4.35	28.55	+2	+ 8	9.26	22.63	−4	+ 2	14.38	21.60	−2	− 9
12	0.96	37.20	+5	+ 3	4.49	28.30	0	+ 9	9.43	22.52	−4	− 3	14.54	21.65	+1	−11
13	1.05	36.87	+4	+ 6	4.63	28.05	−2	+ 7	9.60	22.41	−3	− 7	14.70	21.71	+3	−10
14	1.14	36.54	+2	+ 8	4.78	27.80	−4	+ 4	9.77	22.31	−1	−10	14.86	21.78	+4	− 8
15	1.24	36.21	−1	+ 8	4.93	27.56	−4	− 1	9.94	22.21	+2	−11	15.02	21.85	+5	− 5
16	1.34	35.89	−3	+ 6	5.08	27.32	−4	− 6	10.11	22.12	+4	−10	15.18	21.92	+5	− 1
17	1.44	35.57	−4	+ 2	5.23	27.08	−2	− 9	10.28	22.03	+5	− 7	15.34	22.00	+4	+ 3
18	1.54	35.25	−4	− 3	5.38	26.85	0	−11	10.45	21.95	+5	− 4	15.50	22.09	+3	+ 6
19	1.64	34.93	−3	− 7	5.53	26.62	+2	−11	10.62	21.87	+5	0	15.66	22.18	0	+ 8
20	1.74	34.61	−1	−10	5.68	26.40	+4	− 9	10.80	21.80	+4	+ 4	15.81	22.28	−1	+ 9
21	1.85	34.29	+1	−11	5.83	26.18	+5	− 6	10.98	21.73	+2	+ 7	15.96	22.39	−3	+ 8
22	1.96	33.98	+3	−10	5.98	25.97	+5	− 2	11.16	21.67	0	+ 9	16.11	22.50	−5	+ 6
23	2.07	33.67	+5	− 8	6.13	25.76	+5	+ 2	11.34	21.61	−2	+ 9	16.26	22.61	−6	+ 3
24	2.18	33.36	+5	− 5	6.29	25.55	+3	+ 5	11.51	21.56	−4	+ 8	16.41	22.73	−6	0
25	2.29	33.05	+5	− 1	6.45	25.34	+1	+ 8	11.68	21.52	−5	+ 5	16.56	22.86	−4	− 4
26	2.41	32.75	+4	+ 3	6.61	25.14	−1	+ 9	11.85	21.48	−6	+ 2	16.70	22.99	−2	− 7
27	2.53	32.45	+2	+ 7	6.77	24.95	−3	+ 9	12.02	21.45	−5	− 2	16.84	23.13	0	− 8
28	2.65	32.15	0	+ 9	6.93	24.76	−5	+ 7	12.19	21.42	−4	− 5	16.98	23.27	+3	− 7
29	2.77	31.86	−2	+ 9	7.09	24.58	−6	+ 4	12.36	21.40	−1	− 7	17.12	23.42	+4	− 4
30	2.89	31.57	−4	+ 9	7.25	24.40	−6	+ 1	12.53	21.39	+1	− 7	17.26	23.58	+5	0
31	3.01	31.28	−5	+ 6	7.41	24.23	−5	− 3	12.70	21.38	+3	− 5	17.40	23.74	+4	+ 4
32					7.58	24.06	−3	− 6					17.54	23.92	+3	+ 7

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+81° 36′ 20″	6.850	+6.777	+81° 36′ 30″	6.852	+6.779	+81° 36′ 40″	6.854	+6.781
30	6.852	+6.779	40	6.854	+6.781	50	6.857	+6.783

$\alpha_{1935.0} = 9^h\ 27^m\ 58^s.00$ $\qquad$ $\delta_{1935.0} = +81°\ 36'\ 58''.15$

Nf) 30 Hev. Camelopardalis $5^m.34$

Tag	Januar				Februar				März				April			
	AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder	
	$10^h 23^m$	+ 82° 53′	in $0^s.01$	in $0''.01$	$10^h 23^m$	+ 82° 53′	in $0^s.01$	in $0''.01$	$10^h 23^m$	+ 82° 53′	in $0^s.01$	in $0''.01$	$10^h 23^m$	+ 82° 53′	in $0^s.01$	in $0''.01$
1	29.89	6.14	−6	+10	34.28	11.84	−4	− 5	35.71	20.19	+1	− 8	34.09	29.01	+6	+ 2
2	30.07	6.24	−7	+ 6	34.38	12.09	−1	− 8	35.71	20.49	+4	− 7	33.99	29.25	+4	+ 6
3	30.24	6.35	−7	+ 1	34.47	12.35	+2	− 8	35.70	20.79	+6	− 4	33.89	29.49	+2	+ 8
4	30.42	6.47	−5	− 3	34.56	12.61	+5	− 7	35.69	21.09	+6	− 1	33.78	29.73	−1	+ 8
5	30.59	6.59	−3	− 7	34.64	12.87	+7	− 4	35.68	21.39	+6	+ 3	33.67	29.96	−3	+ 5
6	30.76	6.72	+1	− 9	34.72	13.14	+7	0	35.66	21.69	+4	+ 6	33.56	30.19	−5	+ 2
7	30.93	6.86	+4	− 9	34.80	13.41	+5	+ 4	35.64	22.00	+1	+ 7	33.45	30.41	−5	− 2
8	31.10	7.00	+6	− 6	34.88	13.68	+3	+ 6	35.62	22.30	−2	+ 6	33.34	30.63	−4	− 6
9	31.26	7.14	+7	− 3	34.96	13.96	0	+ 7	35.59	22.60	−4	+ 3	33.22	30.85	−2	− 9
10	31.42	7.29	+6	+ 1	35.03	14.24	−3	+ 5	35.56	22.90	−5	0	33.10	31.06	0	−10
11	31.58	7.45	+4	+ 5	35.10	14.52	−4	+ 2	35.52	23.20	−5	− 4	32.98	31.27	+2	−10
12	31.73	7.61	+2	+ 7	35.16	14.80	−5	− 2	35.48	23.50	−3	− 8	32.86	31.47	+4	− 8
13	31.88	7.77	−1	+ 7	35.22	15.08	−4	− 6	35.44	23.80	−1	−10	32.74	31.67	+5	− 5
14	32.03	7.94	−4	+ 4	35.28	15.37	−2	− 9	35.40	24.09	+1	−10	32.61	31.87	+5	− 1
15	32.18	8.12	−5	+ 1	35.33	15.66	0	−10	35.35	24.38	+3	− 9	32.48	32.06	+5	+ 3
16	32.32	8.30	−5	− 3	35.38	15.95	+2	−10	35.30	24.67	+5	− 7	32.35	32.25	+3	+ 6
17	32.46	8.49	−4	− 6	35.43	16.25	+4	− 8	35.25	24.96	+5	− 3	32.22	32.43	+1	+ 9
18	32.60	8.68	−2	− 9	35.47	16.55	+5	− 5	35.19	25.25	+5	+ 1	32.09	32.60	−1	+10
19	32.74	8.88	0	− 9	35.51	16.85	+5	− 1	35.13	25.54	+4	+ 5	31.95	32.77	−4	+10
20	32.88	9.08	+2	− 9	35.54	17.15	+5	+ 3	35.07	25.82	+2	+ 8	31.81	32.94	−6	+ 8
21	33.01	9.29	+4	− 7	35.57	17.45	+3	+ 6	35.00	26.10	0	+10	31.67	33.10	−7	+ 4
22	33.14	9.50	+5	− 3	35.60	17.75	+1	+ 9	34.93	26.38	−3	+11	31.53	33.25	−6	0
23	33.27	9.71	+5	+ 1	35.63	18.05	−1	+11	34.86	26.65	−5	+ 9	31.39	33.40	−4	− 4
24	33.39	9.93	+4	+ 5	35.65	18.35	−4	+11	34.79	26.92	−7	+ 6	31.25	33.55	−2	− 7
25	33.51	10.15	+2	+ 8	35.67	18.65	−6	+ 9	34.71	27.19	−7	+ 3	31.11	33.69	+1	− 8
26	33.63	10.38	0	+11	{35.69 35.70	18.96 19.27	−7 −7	+ 6} + 1}	34.63	27.46	−6	− 1	30.96	33.83	+4	− 7
27	33.75	10.62	−3	+12	35.71	19.58	−5	− 3	34.55	27.73	−4	− 5	30.81	33.96	+6	− 3
28	33.86	10.86	−5	+11	35.71	19.89	−3	− 6	34.46	27.99	−1	− 7	30.66	34.08	+6	+ 1
29	33.97	11.10	−7	+ 8	35.71	20.19	+1	− 8	34.37	28.25	+2	− 7	30.51	34.20	+5	+ 5
30	34.08	11.34	−7	+ 4					34.28	28.51	+5	− 5	30.36	34.32	+3	+ 7
31	34.18	11.59	−6	− 1					34.19	28.76	+6	− 2	30.21	34.43	0	+ 8
32	34.28	11.84	−4	− 5					34.09	29.01	+6	+ 2				

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+82° 53′ 0″	8.072	+8.009	+82° 53′ 10″	8.075	+8.013	+82° 53′ 30″	8.081	+8.019
10	8.075	+8.013	20	8.078	+8.016	40	8.084	+8.022

$\alpha_{1935.0} = 10^h\ 23^m\ 19^s.54$ $\delta_{1935.0} = +82°\ 53'\ 26''.84$

Scheinbare Sternörter 1935

Obere Kulmination Greenwich

Nf) 30 Hev. Camelopardalis $5^m.34$

Tag	Mai				Juni				Juli				August			
	AR.	Dekl.	ℂ Glieder		AR.	Dekl.	ℂ Glieder		AR.	Dekl.	ℂ Glieder		AR.	Dekl.	ℂ Glieder	
	$10^h 23^m$	$+82° 53'$	in $0^s.01$	$0''.01$	$10^h 23^m$	$+82° 53'$	in $0^s.01$	$0''.01$	$10^h 23^m$	$+82° 53'$	in $0^s.01$	$0''.01$	$10^h 23^m$	$+82° 53'$	in $0^s.01$	$0''.01$
1	$30^s.21$	$34''.43$	0	+8	$25^s.34$	$34''.97$	−5	−3	$21^s.23$	$30''.47$	0	−10	$18^s.69$	$21''.76$	+5	−3
2	30.06	34.53	−3	+7	25.19	34.90	−4	−7	21.12	30.25	+2	−10	18.65	21.43	+5	+1
3	29.91	34.63	−5	+4	25.04	34.82	−2	−9	21.01	30.02	+4	−8	18.61	21.10	+4	+5
4	29.76	34.72	−5	0	24.89	34.73	+1	−10	20.90	29.79	+5	−5	18.57	20.77	+2	+8
5	29.60	34.80	−5	−4	24.74	34.64	+3	−9	20.79	29.55	+5	−1	18.53	20.43	−1	+10
6	29.45	34.88	−3	−8	24.59	34.54	+5	−7	20.69	29.31	+5	+3	18.49	20.09	−3	+10
7	29.30	34.96	−1	−10	24.44	34.44	+5	−4	20.59	29.06	+3	+6	18.46	19.75	−5	+9
8	29.15	35.03	+2	−10	24.29	34.33	+5	0	20.49	28.81	+1	+9	18.43	19.41	−7	+7
9	28.99	35.09	+4	−9	24.14	34.22	+4	+4	20.39	28.55	−1	+10	18.40	19.06	−7	+3
10	28.83	35.15	+5	−6	23.99	34.10	+2	+7	20.29	28.29	−4	+10	18.37	18.71	−6	−1
11	28.67	35.20	+5	−2	23.84	33.98	0	+10	20.19	28.03	−6	+8	18.35	18.36	−4	−5
12	28.51	35.25	+5	+1	23.70	33.85	−2	+10	20.10	27.77	−7	+5	18.33	18.01	−1	−7
13	28.35	35.29	+4	+5	23.56	33.72	−5	+9	20.01	27.50	−7	+1	18.31	17.66	+2	−7
14	28.19	35.32	+2	+8	23.42	33.58	−6	+7	19.92	27.23	−5	−3	18.29	17.31	+5	−6
15	28.03	35.35	0	+10	23.28	33.44	−7	+3	19.83	26.96	−2	−7	18.28	16.95	+6	−2
16	27.87	35.37	−3	+10	23.14	33.29	−6	−1	19.74	26.68	+1	−8	18.27	16.59	+6	+2
17	27.71	35.39	−5	+8	23.00	33.14	−4	−5	19.66	26.40	+4	−8	18.26	16.23	+4	+5
18	27.55	35.40	−6	+5	22.86	32.98	−1	−8	19.58	26.11	+6	−5	18.25	15.87	+2	+7
19	27.39	35.41	−6	+1	22.72	32.82	+2	−8	19.50	25.82	+7	−1	18.25	15.51	−1	+7
20	27.23	35.41	−5	−3	22.59	32.65	+5	−7	19.42	25.53	+6	+3	18.25	15.15	−3	+5
21	27.07	35.40	−3	−7	22.46	32.47	+6	−3	19.35	25.23	+4	+6	18.25	14.79	−5	+1
22	26.91	35.39	0	−8	22.33	32.29	+6	+1	19.28	24.93	+1	+7	18.26	14.43	−5	−3
23	26.75	35.37	+3	−8	22.20	32.11	+5	+5	19.21	24.63	−2	+7	18.27	14.07	−4	−7
24	26.59	35.35	+5	−5	22.08	31.92	+3	+7	19.15	24.32	−4	+4	18.28	13.71	−2	−10
25	26.44	35.32	+6	−1	21.95	31.73	0	+8	19.08	24.01	−5	0	18.29	13.35	0	−11
26	26.28	35.29	+6	+3	21.83	31.53	−3	+6	19.02	23.69	−5	−4	18.30	12.98	+3	−10
27	26.12	35.25	+4	+6	21.71	31.33	−5	+3	18.96	23.37	−3	−8	18.32	12.61	+4	−8
28	25.96	35.20	+1	+8	21.59	31.12	−5	−1	18.90	23.05	−1	−10	*)18.34	12.24	+5	−5
29	25.80	35.15	−2	+8	21.47	30.91	−4	−5	18.84	22.73	+1	−10	18.36	11.87	+5	−1
30	25.64	35.10	−4	+5	21.35	30.69	−2	−8	18.79	22.41	+3	−9	18.39	11.50	+5	+3
31	25.49	35.04	−5	+2	21.23	30.47	0	−10	18.74	22.09	+5	−6	18.42	11.13	+3	+7
32	25.34	34.97	−5	−3					18.69	21.76	+5	−3	18.45	10.76	+1	+9

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+82° 53′ 10″	8.075	+8.013	+82° 53′ 20″	8.078	+8.016	+82° 53′ 30″	8.081	+8.019
20	8.078	+8.016	30	8.081	+8.019	40	8.084	+8.022

$\alpha_{1935.0} = 10^h\ 23^m\ 19^s.54$ $\delta_{1935.0} = +82°\ 53'\ 26''.84$

*) Tag der doppelten unteren Kulmination: Aug. 28.

Scheinbare Sternörter 1935

Obere Kulmination Greenwich

Nf) 30 Hev. Camelopardalis $5^m.34$

Tag	September AR.	September Dekl.	September ☾ Glieder		Oktober AR.	Oktober Dekl.	Oktober ☾ Glieder		November AR.	November Dekl.	November ☾ Glieder		Dezember AR.	Dezember Dekl.	Dezember ☾ Glieder	
		+	in			+	in			+	in			+	in	
	$10^h 23^m$	82° 52′	$0^s.01$	$0''.01$	$10^h 23^m$	82° 52′	$0^s.01$	$0''.01$	$10^h 23^m$	82° 52′	$0^s.01$	$0''.01$	$10^h 23^m$	82° 52′	$0^s.01$	$0''.01$
1	$18^s.45$	$70''.76$	+1	+9	$20^s.51$	$59''.92$	−5	+8	$24^s.79$	$50''.68$	−4	−4	$30^s.34$	$45''.62$	+3	−6
2	18.48	70.39	−2	+10	20.62	59.58	−7	+6	24.96	50.44	−2	−6	30.54	45.54	+5	−4
3	18.51	70.02	−4	+10	20.73	59.24	−6	+2	25.13	50.20	+1	−7	30.74	45.46	+6	0
4	18.55	69.65	−6	+8	20.84	58.90	−5	−2	25.30	49.97	+4	−5	30.94	45.39	+5	+4
5	18.59	69.28	−7	+5	20.95	58.57	−3	−5	25.47	49.74	+5	−2	31.14	45.32	+3	+7
6	18.63	68.91	−7	+1	21.07	58.24	0	−6	25.64	49.52	+5	+2	31.34	45.26	0	+9
7	18.68	68.54	−5	−3	21.19	57.91	+2	−6	25.81	49.30	+4	+6	31.54	45.21	−2	+8
8	18.73	68.17	−2	−6	21.31	57.58	+5	−4	25.99	49.09	+2	+8	31.73	45.16	−4	+5
9	18.78	67.80	+1	−7	21.43	57.26	+6	0	26.17	48.88	−1	+9	31.92	45.12	−5	+1
10	18.83	67.43	+4	−6	21.55	56.94	+5	+4	26.35	48.68	−3	+7	32.11	45.08	−5	−4
11	18.89	67.06	+5	−3	21.68	56.62	+3	+7	26.53	48.48	−5	+3	32.30	45.05	−3	−8
12	18.95	66.70	+6	+1	21.81	56.30	+1	+8	26.71	48.29	−5	−1	32.50	45.03	−1	−10
13	19.01	66.33	+5	+4	21.94	55.99	−2	+7	26.89	48.10	−4	−6	32.70	45.01	+2	−11
14	19.07	65.96	+3	+7	22.07	55.68	−4	+5	27.07	47.92	−2	−9	32.89	45.00	+4	−9
15	19.13	65.59	0	+7	22.21	55.37	−5	+1	27.26	47.74	0	−11	33.08	45.00	+5	−7
16	19.20	65.23	−2	+6	22.35	55.06	−5	−4	27.45	47.57	+3	−11	33.27	45.00	+6	−3
17	19.27	64.87	−4	+3	22.49	54.76	−3	−8	27.64	47.40	+5	−9	33.46	45.01	+5	+1
18	19.34	64.51	−5	−1	22.63	54.46	−1	−10	27.83	47.24	+6	−6	33.65	45.02	+4	+4
19	19.42	64.15	−4	−6	22.77	54.17	+1	−11	28.02	47.08	+6	−2	33.84	45.04	+2	+7
20	19.50	63.79	−2	−9	22.91	53.88	+4	−10	28.21	46.93	+5	+2	34.03	45.07	0	+9
21	19.58	63.43	0	−11	23.06	53.59	+5	−8	28.40	46.78	+3	+5	34.22	45.10	−3	+9
22	19.66	63.07	+2	−11	23.21	53.31	+6	−4	28.59	46.64	+1	+8	34.41	45.14	−5	+8
23	19.74	62.71	+4	−9	23.36	53.03	+5	0	28.78	46.50	−1	+9	34.60	45.18	−6	+5
24	19.83	62.35	+5	−6	23.51	52.75	+4	+3	28.97	46.37	−3	+9	34.79	45.23	−6	+2
25	19.92	62.00	+6	−3	23.66	52.48	+2	+7	29.16	46.25	−5	+7	34.97	45.29	−5	−2
26	20.01	61.65	+5	+1	23.82	52.21	0	+9	29.35	46.13	−7	+4	35.15	45.35	−3	−5
27	20.10	61.30	+4	+5	23.98	51.94	−2	+9	29.54	46.01	−6	0	35.33	45.42	−1	−7
28	20.20	60.95	+2	+8	24.14	51.68	−4	+8	29.74	45.90	−5	−3	35.51	45.49	+2	−7
29	20.30	60.60	−1	+9	24.30	51.42	−6	+6	29.94	45.80	−3	−6	35.69	45.57	+5	−5
30	20.40	60.26	−3	+9	24.46	51.17	−7	+3	30.14	45.71	0	−7	35.87	45.66	+6	−2
31	20.51	59.92	−5	+8	24.62	50.92	−6	−1	30.34	45.62	+3	−6	36.05	45.75	+6	+2
32					24.79	50.68	−4	−4					36.23	45.86	+4	+6

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+82° 52′ 40″	8.065	+8.003	+82° 52′ 50″	8.069	+8.006	+82° 53′ 0″	8.072	+8.009
50	8.069	+8.006	60	8.072	+8.009	10	8.075	+8.013

$\alpha_{1935.0} = 10^h\ 23^m\ 19^s.54$ $\delta_{1935.0} = +82°\ 53'\ 26''.84$

Scheinbare Sternörter 1935

Obere Kulmination Greenwich

Ng) ε Ursae minoris $4^m.40$

Tag	Januar				Februar				März				April			
	AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder	
	16^h52^m	+82° 8′	in $0^s.01$	in $0''.01$	16^h52^m	+82° 8′	in $0^s.01$	in $0''.01$	16^h52^m	+82° 8′	in $0^s.01$	in $0''.01$	16^h52^m	+82° 8′	in $0^s.01$	in $0''.01$
1	$23^s.42$	$34''.81$	+3	+ 7	$26^s.34$	$26''.12$	−2	+ 8	$30^s.49$	$22''.57$	−2	+ 5	$35^s.25$	$24''.58$	0	−10
2	23.48	34.48	+2	+10	26.47	25.91	−3	+ 3	30.65	22.54	−3	0	35.39	24.74	+1	−10
3	23.54	34.15	0	+11	26.60	25.71	−3	− 2	30.81	22.51	−2	− 4	35.53	24.91	+2	− 9
4	23.60	33.82	−1	+10	26.73	25.51	−2	− 7	30.97	22.49	−1	− 9	35.66	25.08	+3	− 5
5	23.66	33.49	−3	+ 6	26.87	25.32	−1	−10	31.13	22.48	0	−11	35.79	25.26	+2	0
6	23.72	33.17	−3	+ 1	27.01	25.13	0	−11	31.29	22.48	+1	−10	35.92	25.45	+1	+ 5
7	23.79	32.85	−3	− 4	27.15	24.95	+1	−10	31.45	22.48	+2	− 7	36.05	25.64	0	+ 8
8	23.86	32.53	−2	− 9	27.29	24.78	+2	− 6	31.61	22.49	+2	− 3	36.18	25.83	−1	+ 9
9	23.93	32.22	0	−11	27.43	24.61	+2	− 1	31.77	22.51	+2	+ 2	36.30	26.03	−2	+ 8
10	24.01	31.91	0	−11	27.58	24.45	+1	+ 4	31.93	22.53	+1	+ 6	36.42	26.24	−3	+ 6
11	24.09	31.60	+2	− 8	27.72	24.30	0	+ 7	32.09	22.56	0	+ 9	36.54	26.45	−3	+ 2
12	24.17	31.30	+2	− 4	27.87	24.15	−1	+ 9	32.24	22.59	−2	+ 9	36.66	26.66	−3	− 2
13	24.26	31.00	+2	+ 1	28.01	24.00	−2	+ 9	32.40	22.63	−3	+ 8	36.78	26.88	−2	− 5
14	24.35	30.70	+1	+ 5	28.16	23.86	−3	+ 7	32.56	22.68	−3	+ 5	36.90	27.11	−1	− 8
15	24.44	30.41	0	+ 8	28.31	23.73	−3	+ 4	32.72	22.73	−3	+ 1	37.01	27.34	0	− 9
16	24.53	30.12	−1	+ 9	28.46	23.60	−3	0	32.87	22.79	−3	− 3	37.12	27.57	+1	− 9
17	24.63	29.84	−2	+ 8	28.61	23.48	−2	− 4	33.03	22.85	−2	− 6	37.23	27.81	+2	− 7
18	24.73	29.56	−3	+ 6	28.76	23.37	−2	− 7	33.19	22.92	−1	− 8	37.34	28.05	+3	− 4
19	24.83	29.28	−3	+ 2	28.92	23.26	0	− 9	33.34	23.00	+1	− 9	37.44	28.29	+3	0
20	24.93	29.01	−3	− 2	29.07	23.16	+1	− 9	33.49	23.09	+2	− 8	37.54	28.54	+3	+ 4
21	25.04	28.74	−2	− 5	29.23	23.07	+2	− 7	33.65	23.18	+3	− 6	37.64	28.79	+2	+ 8
22	25.14	28.48	−1	− 8	29.38	22.98	+3	− 5	33.80	23.28	+3	− 2	37.74	29.05	+1	+10
23	25.25	28.22	0	− 9	29.54	22.90	+4	− 1	33.95	23.39	+4	+ 2	37.84	29.31	−1	+10
24	25.36	27.97	+2	− 8	29.70	22.83	+4	+ 4	34.10	23.50	+3	+ 6	37.94	29.58	−2	+ 8
25	25.48	27.72	+3	− 6	29.86	22.76	+3	+ 8	34.25	23.61	+2	+ 9	38.03	29.85	−3	+ 4
26	25.59	27.47	+4	− 3	30.02	22.70	+1	+10	34.39	23.73	0	+11	38.12	30.12	−3	− 1
27	25.71	27.23	+4	+ 1	30.18	22.65	0	+11	34.54	23.86	−1	+10	38.21	30.40	−2	− 5
28	25.83	27.00	+3	+ 5	30.33	22.61	−1	+ 9	34.69	23.99	−2	+ 7	38.29	30.68	−1	− 9
29	25.95	26.77	+2	+ 9	30.49	22.57	−2	+ 5	34.83	24.13	−3	+ 3	38.37	30.96	+1	−10
30	26.08	26.55	+1	+11					34.97	24.28	−2	− 2	38.45	31.25	+2	− 9
31	26.21	26.33	−1	+10					35.11	24.43	−1	− 7	38.53	31.54	+3	− 6
32	26.34	26.12	−2	+ 8					35.25	24.58	0	−10				

δ	sec δ	tg δ	δ	sec δ	tg δ
+82° 8′ 20″	7.311	+7.243	+82° 8′ 30″	7.314	+7.245
30	7.314	+7.245	40	7.317	+7.248

$\alpha_{1935.0} = 16^h\ 52^m\ 33^s.56$ $\delta_{1935.0} = +82°\ 8'\ 49''.86$

Scheinbare Sternörter 1935

Obere Kulmination Greenwich

Ng) ε Ursae minoris $4^m.40$

Tag	Mai AR.	Mai Dekl.	Mai ☾ Glieder in		Juni AR.	Juni Dekl.	Juni ☾ Glieder in	
	16^h52^m	+82° 8′	0.01 s	0.01″	16^h52^m	+82° 8′	0.01 s	0.01″
1	38.53	31.54	+3	−6	39.55	41.37	0	+8
2	38.60	31.83	+3	−1	39.54	41.70	−1	+9
3	38.67	32.12	+2	+3	39.53	42.03	−2	+8
4	38.74	32.42	+1	+7	39.51	42.36	−3	+5
5	38.81	32.72	−1	+9	39.49 / 39.47	42.69 / 43.02	−3 / −3	+2 / −2
6	38.87	33.02	−2	+9	39.44	43.34	−2	−6
7	38.93	33.32	−3	+7	39.41	43.66	−1	−8
8	38.99	33.63	−3	+4	39.38	43.99	0	−9
9	39.04	33.94	−3	0	39.35	44.31	+2	−8
10	39.09	34.25	−3	−4	39.31	44.63	+3	−6
11	39.14	34.56	−2	−7	39.27	44.95	+3	−3
12	39.19	34.87	0	−9	39.23	45.27	+3	+1
13	39.23	35.18	+1	−9	39.19	45.58	+3	+5
14	39.28	35.50	+2	−8	39.14	45.90	+2	+9
15	39.31	35.82	+3	−5	39.09	46.21	+1	+10
16	39.35	36.14	+3	−2	39.04	46.53	−1	+10
17	39.38	36.46	+3	+3	38.99	46.83	−2	+7
18	39.41	36.78	+3	+7	38.93	47.14	−3	+3
19	39.44	37.11	+1	+9	38.87	47.45	−3	−2
20	39.47	37.43	0	+10	38.81	47.75	−2	−7
21	39.49	37.76	−1	+9	38.74	48.05	−1	−10
22	39.51	38.08	−2	+6	38.67	48.36	+1	−11
23	39.53	38.41	−3	+1	38.60	48.65	+2	−9
24	39.54	38.74	−2	−4	38.53	48.95	+3	−5
25	39.55	39.07	−1	−8	38.46	49.24	+2	−1
26	39.56	39.40	0	−10	38.38	49.53	+2	+4
27	39.57	39.73	+1	−10	38.30	49.82	+1	+8
28	39.57	40.06	+2	−8	38.22	50.11	−1	+9
29	39.57	40.38	+3	−3	38.13	50.39	−2	+9
30	39.56	40.71	+3	+1	38.05	50.67	−3	+7
31	39.56	41.04	+2	+6	37.96	50.95	−3	+3
32	39.55	41.37	0	+8				

Tag	Juli AR.	Juli Dekl.	Juli ☾ Glieder in		August AR.	August Dekl.	August ☾ Glieder in	
	16^h52^m	+82° 8′	0.01 s	0.01″	16^h52^m	+82° 8′	0.01 s	0.01″
1	37.96	50.95	−3	+3	34.12	57.80	0	−8
2	37.86	51.22	−3	−1	33.97	57.96	+1	−9
3	37.77	51.49	−2	−5	33.81	58.11	+2	−8
4	37.67	51.76	−1	−7	33.65	58.26	+3	−5
5	37.57	52.03	0	−9	33.50	58.40	+4	−2
6	37.47	52.29	+1	−9	33.34	58.54	+3	+2
7	37.36	52.55	+2	−7	33.18	58.68	+3	+6
8	37.25	52.81	+3	−4	33.02	58.80	+2	+9
9	37.14	53.06	+4	0	32.86	58.93	+1	+11
10	37.03	53.31	+3	+4	32.70	59.05	−1	+10
11	36.92	53.55	+3	+7	32.54	59.16	−2	+7
12	36.81	53.80	+1	+10	32.37	59.27	−2	+3
13	36.69	54.03	0	+11	32.21	59.37	−2	−2
14	36.57	54.27	−1	+9	32.04	59.47	−2	−7
15	36.45	54.50	−2	+5	31.88	59.57	−1	−10
16	36.33	54.73	−3	0	31.71	59.66	+1	−11
17	36.20	54.95	−2	−5	31.54	59.74	+2	−9
18	36.08	55.17	−2	−9	31.37	59.82	+2	−5
19	35.95	55.39	0	−11	31.20	59.90	+2	0
20	35.82	55.60	+1	−10	31.02	59.97	+1	+5
21	35.69	55.81	+2	−7	30.85	60.03	0	+8
22	35.55	56.01	+2	−3	30.68	60.09	−1	+9
23	35.42	56.21	+2	+2	30.50	60.15	−3	+8
24	35.28	56.40	+1	+6	30.33	60.20	−3	+6
25	35.14	56.59	0	+9	30.15	60.25	−4	+2
26	35.00	56.78	−2	+9	29.98	60.29	−3	−2
27	34.86	56.96	−3	+8	29.80	60.32	−2	−5
28	34.71	57.14	−3	+4	29.62	60.35	−1	−8
29	34.57	57.31	−3	0	29.45	60.38	0	−9
30	34.42	57.48	−3	−3	29.27	60.40	+2	−8
31	34.27	57.64	−2	−6	29.08	60.41	+3	−6
32	34.12	57.80	0	−8	28.90	60.42	+3	−3

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+82° 8′ 30″	7.314	+7.245	+82° 8′ 40″	7.317	+7.248	+82° 9′ 0″	7.322	+7.253
40	7.317	+7.248	50	7.319	+7.250	10	7.324	+7.256

$\alpha_{1935.0} = 16^h\ 52^m\ 33^s.56$ $\delta_{1935.0} = +82°\ 8'\ 49''.86$

Scheinbare Sternörter 1935

Obere Kulmination Greenwich

Ng) ε Ursae minoris $4^{m}.40$

Tag	September AR. 16^h52^m	September Dekl. $+82°\ 8'$	☾ Glieder in $0^s.01$	☾ Glieder in $0''.01$	Oktober AR. 16^h52^m	Oktober Dekl. $+82°\ 8'$	☾ Glieder in $0^s.01$	☾ Glieder in $0''.01$
	s	"			s	"		
1	28.90	60.42	+3	−3	23.57	58.39	+3	+7
2	28.72	60.43	+3	0	23.40	58.25	+2	+9
3	28.54	60.43	+3	+5	23.23	58.10	0	+10
4	28.36	60.42	+2	+8	23.06	57.95	−1	+9
5	28.18	60.41	+1	+10	22.90	57.79	−2	+6
6	28.00	60.40	0	+10	22.73	57.63	−2	+2
7	27.82	60.38	−1	+8	22.57	57.46	−2	−3
8	27.64	60.35	−2	+5	22.40	57.29	−1	−7
9	27.46	60.32	−2	0	22.24	57.11	0	−9
10	27.28	60.29	−2	−5	22.08	56.92	+1	−10
11	27.10	60.25	−1	−9	21.92	56.73	+2	−8
12	26.92	60.20	+1	−10	21.76	56.54	+3	−3
13	26.74	60.15	+2	−9	21.60	56.34	+2	+1
14	26.56	60.09	+2	−6	21.44	56.14	+1	+6
15	26.39	60.03	+3	−2	21.29	55.94	0	+8
16	26.21	59.97	+2	+3	21.13	55.73	−2	+9
17	26.03	59.90	+1	+7	20.98	55.52	−3	+8
18	25.85	59.82	−1	+9	20.83	55.30	−4	+5
19	25.67	59.74	−2	+9	20.68	55.08	−4	+1
20	25.49	59.66	−3	+7	20.54	54.85	−3	−3
21	25.31	59.57	−4	+3	20.39	54.62	−2	−7
22	25.13	59.47	−4	−1	20.25	54.39	−1	−9
23	24.95	59.37	−3	−5	20.11	54.15	0	−9
24	24.78	59.27	−2	−7	19.97	53.91	+1	−8
25	24.60	59.16	0	−9	19.83	53.67	+2	−6
26	24.42	59.04	+1	−9	19.70	53.42	+3	−3
27	24.25	58.92	+2	−7	19.57	53.17	+3	+1
28	24.08	58.80	+3	−5	19.44	52.91	+3	+5
29	23.91	58.67	+3	−1	19.31	52.65	+2	+8
30	23.74	58.53	+3	+3	19.18	52.38	+1	+10
31	23.57	58.39	+3	+7	19.05	52.11	0	+10
32					18.93	51.84	−2	+7

Tag	November AR. 16^h52^m	November Dekl. $+82°\ 8'$	☾ Glieder in $0^s.01$	☾ Glieder in $0''.01$	Dezember AR. 16^h52^m	Dezember Dekl. $+82°\ 8'$	☾ Glieder in $0^s.01$	☾ Glieder in $0''.01$
	s	"			s	"		
1	18.93	51.84	−2	+7	16.39	42.32	−2	−4
2	18.81	51.56	−2	+4	16.35	41.97	−1	−8
3	18.69	51.29	−2	−1	16.31	41.62	0	−10
4	18.58	51.00	−1	−6	16.27	41.27	+2	−9
5	18.47	50.72	0	−9	*)16.24	40.92	+3	−7
6	18.36	50.43	+1	−10	16.21	40.56	+3	−2
7	18.25	50.14	+2	−8	16.18	40.21	+2	+2
8	18.14	49.84	+3	−5	16.16	39.86	+1	+6
9	18.03	49.54	+3	−1	16.14	39.51	0	+9
10	17.93	49.24	+2	+4	16.12	39.15	−2	+9
11	17.83	48.93	+1	+8	16.11	38.80	−3	+7
12	17.73	48.62	−1	+9	16.10	38.45	−4	+4
13	17.64	48.31	−2	+9	16.09	38.09	−4	0
14	17.54	48.00	−3	+6	16.09	37.74	−3	−4
15	17.45	47.68	−4	+2	16.08	37.39	−2	−7
16	17.37	47.36	−3	−2	16.09	37.03	−1	−9
17	17.28	47.04	−3	−5	16.09	36.68	+1	−9
18	17.20	46.72	−2	−8	16.10	36.33	+2	−8
19	17.12	46.39	0	−9	16.11	35.97	+3	−5
20	17.04	46.06	+1	−9	16.13	35.62	+3	−2
21	16.97	45.73	+2	−7	16.15	35.26	+3	+2
22	16.90	45.40	+3	−4	16.17	34.91	+2	+6
23	16.83	45.06	+3	0	16.19	34.56	+2	+9
24	16.76	44.73	+3	+4	16.22	34.21	0	+10
25	16.70	44.39	+2	+7	16.24	33.87	−1	+9
26	16.64	44.05	+1	+9	16.28	33.52	−2	+7
27	16.58	43.71	0	+10	16.31	33.18	−2	+3
28	16.53	43.36	−1	+8	16.35	32.84	−2	−2
29	16.48	43.02	−2	+5	16.39	32.50	−2	−7
30	16.43	42.67	−2	+1	16.44	32.16	0	−9
31	16.39	42.32	−2	−4	16.49	31.83	+1	−10
32					16.54	31.50	+2	−8

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+82° 8′ 30″	7.314	+7.245	+82° 8′ 40″	7.317	+7.248	+82° 9′ 0″	7.322	+7.253
40	7.317	+7.248	50	7.319	+7.250	10	7.324	+7.256

$\alpha_{1935.0} = 16^h\ 52^m\ 33^s.56$ $\delta_{1935.0} = +82°\ 8'\ 49''.86$

*) Tag der doppelten unteren Kulmination: Dez. 5.

Scheinbare Sternörter 1935

Obere Kulmination Greenwich

Nh) δ Ursae minoris $4^m.44$

Tag	Januar AR.	Januar Dekl.	Januar ☾ Glieder in		Februar AR.	Februar Dekl.	Februar ☾ Glieder in		März AR.	März Dekl.	März ☾ Glieder in		April AR.	April Dekl.	April ☾ Glieder in	
	$17^h 52^m$	+86° 36′	$0^s.01$	0″.01	$17^h 52^m$	+86° 36′	$0^s.01$	0″.01	$17^h 52^m$	+86° 36′	$0^s.01$	0″.01	$17^h 53^m$	+86° 36′	$0^s.01$	0″.01
1	42.27	37.70	+11	+4	45.97	28.16	−3	+9	54.01	22.83	−5	+7	4.98	22.39	−4	−9
2	42.28	37.37	+8	+8	46.19	27.90	−7	+5	54.35	22.72	−7	+2	5.32	22.48	−1	−11
3	42.30	37.03	+4	+10	46.42	27.65	−9	0	54.69	22.61	−8	−3	5.66	22.57	+3	−9
4	42.33	36.69	−1	+10	46.65	27.40	−9	−5	55.03	22.51	−7	−7	6.00	22.67	+6	−6
5	42.37	36.36	−5	+8	46.89	27.16	−6	−9	55.37	22.42	−4	−10	6.34	22.77	+7	−1
6	42.41	36.02	−9	+3	47.14	26.92	−3	−11	55.72	22.34	0	−10	6.67	22.88	+6	+3
7	42.46	35.68	−10	−2	47.39	26.68	+1	−10	56.07	22.26	+3	−8	7.01	23.00	+3	+7
8	42.52	35.35	−9	−7	47.65	26.45	+4	−7	56.42	22.19	+6	−4	7.34	23.12	0	+9
9	42.59	35.02	−5	−10	47.91	26.23	+6	−2	56.77	22.12	+6	0	7.67	23.25	−4	+10
10	42.66	34.69	−1	−11	48.18	26.01	+6	+3	57.12	22.06	+5	+5	7.99	23.39	−7	+8
11	42.74	34.37	+2	−9	48.45	25.79	+4	+7	57.47	22.01	+2	+8	8.31	23.53	−9	+5
12	42.82	34.05	+5	−5	48.72	25.58	+1	+9	57.83	21.96	−2	+10	8.63	23.67	−10	+1
13	42.91	33.73	+6	0	49.00	25.38	−3	+10	58.19	21.92	−5	+9	8.95	23.82	−9	−3
14	43.01	33.41	+5	+4	49.28	25.18	−6	+9	58.55	21.89	−8	+7	9.26	23.98	−6	−6
15	43.12	33.10	+3	+8	49.57	24.98	−8	+6	58.91	21.86	−9	+3	9.57	24.14	−3	−9
16	43.23	32.79	0	+10	49.87	24.79	−9	+2	59.27	21.84	−9	0	9.87	24.30	+1	−9
17	43.35	32.48	−4	+10	50.17	24.60	−9	−2	59.63	21.83	−8	−4	10.17	24.48	+4	−8
18	43.48	32.17	−7	+8	50.47	24.42	−7	−5	59.99	21.82	−5	−7	10.47	24.66	+8	−6
19	43.61	31.86	−9	+4	50.78	24.25	−4	−8	60.35	21.82	−2	−9	10.77	24.84	+10	−3
20	43.75	31.55	−9	+1	51.09	24.08	0	−9	60.71	21.82	+2	−9	11.06	25.03	+10	+2
21	43.90	31.25	−8	−3	51.40	23.91	+4	−9	61.07	21.83	+6	−8	11.35	25.22	+9	+6
22	44.06	30.95	−5	−7	51.71	23.75	+8	−7	61.43	21.85	+9	−5	11.63	25.42	+6	+9
23	44.22	30.66	−2	−9	52.03	23.60	+10	−3	61.79	21.88	+11	−1	11.91	25.62	+2	+10
24	44.38	30.37	+2	−9	52.35	23.46	+11	+1	62.15	21.91	+11	+3	12.18	25.83	−2	+9
25	44.56	30.08	+6	−8	52.67	23.32	+11	+5	62.51	21.94	+9	+7	12.45	26.04	−6	+6
26	44.74	29.80	+9	−6	53.00	23.19	+8	+9	62.86	21.99	+5	+10	12.72	26.25	−8	+1
27	44.93	29.52	+12	−2	53.33	23.06	+4	+10	63.21	22.04	+1	+10	12.98	26.47	−8	−4
28	45.13	29.24	+12	+3	53.67	22.94	−1	+10	63.57	22.10	−3	+8	13.24	26.70	−6	−8
29	45.33	28.96	+10	+7	54.01	22.83	−5	+7	63.93	22.16	−6	+4	13.49	26.93	−2	−10
30	45.54	28.69	+6	+10					64.28	22.23	−8	−1	13.74	27.16	+2	−10
31	45.75	28.42	+2	+10					64.63	22.31	−7	−6	13.98	27.40	+5	−8
32	45.97	28.16	−3	+9					64.98	22.39	−4	−9				

δ	sec δ	tg δ	δ	sec δ	tg δ
+86° 36′ 20″	16.889	+16.860	+86° 36′ 30″	16.903	+16.873
30	16.903	+16.873	40	16.917	+16.887

$\alpha_{1935.0} = 17^h\ 53^m\ 10^s.46$ $\delta_{1935.0} = +86°\ 36'\ 46''.29$

Scheinbare Sternörter 1935

Obere Kulmination Greenwich

Nh) δ Ursae minoris $4^{m}.44$

Tag	Mai				Juni				Juli				August			
	AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder	
	$17^{h}53^{m}$	+86° 36′	in $0^{s}.01$	in $0''.01$	$17^{h}53^{m}$	+86° 36′	in $0^{s}.01$	in $0''.01$	$17^{h}53^{m}$	+86° 36′	in $0^{s}.01$	in $0''.01$	$17^{h}52^{m}$	+86° 36′	in $0^{s}.01$	in $0''.01$
1	$13^{s}.98$	$27''.40$	+5	−8	$18^{s}.67$	$36''.34$	+4	+8	$17^{s}.32$	$46''.40$	−8	+5	$70^{s}.25$	$55''.01$	−5	−8
2	14.22	27.64	+7	−3	18.72	36.66	0	+10	17.18	46.71	−9	+1	69.94	55.24	−1	−9
3	14.45	27.89	+7	+2	18.77	36.98	−4	+10	17.03	47.02	−9	−3	69.63	55.47	+3	−9
4	14.67	28.14	+5	+6	18.81	37.30	−7	+7	16.87	47.33	−6	−6	69.31	55.70	+6	−7
5	14.89	28.39	+2	+9	18.84	37.63	−9	+4	16.71	47.64	−3	−8	68.99	55.92	+9	−4
6	15.11	28.64	−2	+10	18.87	37.96	−9	0	16.54	47.95	0	−9	68.66	56.14	+11	0
7	15.32	28.90	−6	+9	18.89	38.29	−8	−4	16.37	48.25	+4	−8	68.33	56.35	+11	+3
8	15.53	29.17	−8	+6	18.90	38.62	−5	−7	16.19	48.55	+8	−6	67.99	56.56	+9	+7
9	15.73	29.44	−10	+2	18.91	38.95	−2	−9	16.00	48.85	+10	−3	67.65	56.76	+6	+9
10	15.92	29.71	−9	−1	18.91	39.28	+2	−9	15.81	49.15	+11	+1	67.31	56.96	+1	+10
11	16.11	29.98	−7	−5	18.91	39.61	+5	−8	15.62	49.44	+10	+5	66.97	57.15	−3	+8
12	16.29	30.26	−4	−8	18.90	39.94	+8	−5	15.41	49.73	+7	+8	66.62	57.34	−6	+4
13	16.47	30.54	−1	−9	18.88	40.27	+10	−1	15.20	50.02	+3	+10	66.27	57.53	−8	0
14	16.64	30.82	+3	−9	18.85	40.59	+10	+3	14.99	50.31	−1	+9	65.91	57.72	−7	−5
15	16.80	31.11	+7	−7	18.82	40.91	+9	+6	14.77	50.60	−5	+7	65.55	57.90	−5	−9
16	16.96	31.40	+9	−4	18.78	41.24	+6	+9	14.54	50.89	−8	+2	65.18	58.08	−1	−10
17	17.11	31.69	+10	0	18.74	41.57	+1	+10	14.31	51.17	−8	−3	64.81	58.25	+2	−9
18	17.26	31.99	+10	+4	18.69	41.90	−3	+8	14.08	51.45	−7	−7	64.44	58.42	+5	−6
19	17.40	32.29	+7	+8	18.64	42.23	−7	+5	13.84	51.72	−4	−10	64.07	58.58	+6	−2
20	17.53	32.59	+4	+10	18.57	42.56	−9	0	13.59	51.99	0	−10	63.69	58.74	+6	+3
21	17.66	32.89	−1	+10	{18.50 {18.43	42.89 43.21	−8 −6	−5} −9}	13.34	52.26	+4	−8	63.31	58.89	+3	+7
22	17.78	33.19	−5	+7	18.35	43.53	−2	−10	13.09	52.53	+6	−4	62.93	59.04	−1	+10
23	17.90	33.50	−8	+3	18.26	43.85	+2	−10	12.83	52.79	+6	0	62.55	59.19	−4	+10
24	18.01	33.81	−8	−2	18.16	44.17	+5	−7	12.56	53.05	+5	+5	62.16	59.33	−8	+8
25	18.11	34.12	−7	−6	18.06	44.50	+7	−2	12.29	53.31	+2	+9	61.77	59.47	−10	+5
26	18.21	34.43	−4	−10	17.95	44.82	+7	+3	12.01	53.56	−2	+10	61.37	59.60	−10	0
27	18.30	34.74	0	−11	17.83	45.14	+5	+7	11.73	53.81	−5	+9	60.97	59.73	−9	−4
28	18.39	35.06	+4	−9	17.71	45.46	+1	+9	11.44	54.06	−8	+7	60.57	59.85	−6	−7
29	18.47	35.38	+7	−5	17.59	45.78	−3	+10	11.15	54.30	−9	+3	60.17	59.97	−3	−8
30	18.54	35.70	+8	0	17.46	46.09	−6	+8	10.85	54.54	−9	−1	59.77	60.09	+1	−9
31	18.61	36.02	+6	+4	17.32	46.40	−8	+5	10.55	54.78	−8	−5	59.37	60.20	+5	−8
32	18.67	36.34	+4	+8					10.25	55.01	−5	−8	58.96	60.31	+8	−6

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+86° 36′ 20″	16.889	+16.860	+86° 36′ 40″	16.917	+16.887	+86° 37′ 0″	16.945	+16.915
30	16.903	+16.873	50	16.931	+16.901	10	16.958	+16.929

$\alpha_{1935.0} = 17^{h}\ 53^{m}\ 10^{s}.46$ $\delta_{1935.0} = +86°\ 36'\ 46''.29$

Scheinbare Sternörter 1935

Obere Kulmination Greenwich

Nh) δ Ursae minoris $4^{m}.44$

Tag	September AR.	September Dekl.	September ☾ Glieder		Oktober AR.	Oktober Dekl.	Oktober ☾ Glieder	
		+	in			+	in	
	$17^{h}52^{m}$	86° 37′	$0^{s}.01$	$0''.01$	$17^{h}52^{m}$	86° 36′	$0^{s}.01$	$0''.01$
1	$58^{s}.96$	$0''.31$	+ 8	− 6	$46^{s}.16$	$61''.24$	+10	+ 4
2	58.55	0.41	+10	− 2	45.74	61.19	+ 8	+ 8
3	58.14	0.51	+11	+ 2	45.31	61.14	+ 5	+ 9
4	57.72	0.60	+10	+ 6	44.88	61.09	+ 1	+ 9
5	57.30	0.69	+ 7	+ 9	44.45	61.03	− 3	+ 7
6	56.88	0.77	+ 3	+10	44.02	60.96	− 5	+ 3
7	56.46	0.85	− 1	+ 9	43.59	60.89	− 6	− 2
8	56.04	0.92	− 4	+ 6	43.17	60.82	− 5	− 6
9	55.62	0.99	− 7	+ 1	42.75	60.74	− 3	− 9
10	55.20	1.05	− 7	− 3	42.33	60.65	+ 1	−10
11	54.78	1.11	− 5	− 8	41.91	60.56	+ 4	− 9
12	54.35	1.16	− 2	−10	41.50	60.47	+ 7	− 5
13	53.92	1.21	+ 1	−10	41.08	60.37	+ 7	− 1
14	53.49	1.25	+ 5	− 7	40.66	60.26	+ 6	+ 4
15	53.06	1.29	+ 6	− 3	40.25	60.15	+ 3	+ 8
16	52.63	1.33	+ 6	+ 1	39.84	60.03	− 1	+10
17	52.20	1.36	+ 4	+ 6	39.43	59.91	− 5	+10
18	51.77	1.38	+ 1	+ 9	39.03	59.79	− 9	+ 7
19	51.34	1.40	− 3	+10	38.63	59.66	−10	+ 4
20	50.91	1.41	− 7	+ 9	38.23	59.53	−10	− 1
21	50.48	1.42	− 9	+ 6	37.83	59.39	− 9	− 5
22	50.05	1.42	−10	+ 2	37.44	59.25	− 6	− 8
23	49.61	1.42	−10	− 2	37.05	59.10	− 2	− 9
24	49.17	1.41	− 8	− 6	36.66	58.95	+ 1	− 9
25	48.74	1.40	− 5	− 8	36.27	58.79	+ 5	− 7
26	48.31	1.39	− 1	− 9	35.89	58.63	+ 8	− 5
27	47.88	1.37	+ 3	− 8	35.51	58.46	+ 9	− 1
28	47.45	1.34	+ 6	− 6	35.13	58.29	+ 9	+ 3
29	47.02	1.31	+ 9	− 3	34.76	58.12	+ 8	+ 7
30	46.59	1.28	+10	+ 1	34.39	57.94	+ 5	+ 9
31	46.16	1.24	+10	+ 4	34.02	57.76	+ 2	+10
32					33.66	57.57	− 2	+ 8

Tag	November AR.	November Dekl.	November ☾ Glieder		Dezember AR.	Dezember Dekl.	Dezember ☾ Glieder	
		+	in			+	in	
	$17^{h}52^{m}$	86° 36′	$0^{s}.01$	$0''.01$	$17^{h}52^{m}$	86° 36′	$0^{s}.01$	$0''.01$
1	$33^{s}.66$	$57''.57$	− 2	+ 8	$24^{s}.94$	$50''.06$	− 7	− 2
2	33.30	57.37	− 5	+ 5	24.73	49.76	− 6	− 7
3	32.94	57.17	− 7	0	24.53	49.45	− 3	− 9
4	32.58	56.97	− 6	− 4	24.34	49.14	+ 1	−10
5	32.23	56.76	− 4	− 8	24.16	48.83	+ 5	− 8
6	31.89	56.55	− 1	−10	23.98	48.52	+ 8	− 4
7	31.55	56.33	+ 3	− 9	23.81	48.21	+ 8	0
8	31.22	56.11	+ 6	− 7	23.64	47.90	+ 6	+ 5
9	30.89	55.89	+ 8	− 2	23.48	47.58	+ 3	+ 9
10	30.57	55.67	+ 7	+ 2	23.33	47.26	− 1	+10
11	30.25	55.44	+ 5	+ 7	23.19	46.94	− 5	+ 9
12	29.93	55.20	+ 1	+ 9	23.05	46.62	− 9	+ 6
13	29.62	54.96	− 3	+10	22.92	46.30	−10	+ 2
14	29.31	54.72	− 7	+ 8	22.79	45.97	−10	− 2
15	29.01	54.47	−10	+ 5	22.68	45.64	− 8	− 5
16	28.71	54.22	−11	+ 1	22.57	45.31	− 5	− 8
17	28.42	53.97	−10	− 3	22.46	44.98	− 1	− 9
18	28.14	53.71	− 7	− 6	22.37	44.65	+ 2	− 8
19	27.86	53.45	− 4	− 8	22.28	44.32	+ 6	− 7
20	27.59	53.19	0	− 9	*)22.20	43.99	+ 8	− 4
21	27.32	52.92	+ 4	− 8	22.13	43.66	+ 9	0
22	27.05	52.65	+ 7	− 6	22.06	43.32	+ 9	+ 4
23	26.79	52.37	+ 9	− 2	22.00	42.98	+ 7	+ 7
24	26.54	52.09	+ 9	+ 1	21.95	42.64	+ 4	+ 9
25	26.29	51.81	+ 9	+ 5	21.90	42.30	+ 1	+ 9
26	26.05	51.53	+ 6	+ 8	21.87	41.96	− 3	+ 7
27	25.81	51.24	+ 3	+ 9	21.84	41.63	− 6	+ 4
28	25.58	50.95	− 1	+ 9	21.81	41.30	− 8	0
29	25.36	50.66	− 5	+ 6	21.80	40.97	− 7	− 5
30	25.15	50.36	− 7	+ 2	21.79	40.64	− 4	− 9
31	24.94	50.06	− 7	− 2	21.79	40.30	− 1	−10
32					21.80	39.96	+ 3	− 9

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+86° 36′ 30″	16.903	+16.873	+86° 36′ 40″	16.917	+16.887	+86° 37′ 0″	16.945	+16.915
40	16.917	+16.887	50	16.931	+16.901	10	16.958	+16.929

$\alpha_{1935.0} = 17^{h}\ 53^{m}\ 10^{s}.46$ $\delta_{1935.0} = +86°\ 36'\ 46''.29$

*) Tag der doppelten unteren Kulmination: Dez. 20.

Scheinbare Sternörter 1935

Obere Kulmination Greenwich

Ni) λ Ursae minoris $6^m.55$

Tag	Januar AR.	Januar Dekl.	Januar ☾ Glieder in		Februar AR.	Februar Dekl.	Februar ☾ Glieder in		März AR.	März Dekl.	März ☾ Glieder in		April AR.	April Dekl.	April ☾ Glieder in	
	18^h38^m	$+89°\ 2'$	$0^s.01$	$0''.01$	18^h38^m	$+89°\ 2'$	$0^s.01$	$0''.01$	18^h39^m	$+89°\ 2'$	$0^s.01$	$0''.01$	18^h39^m	$+89°\ 2'$	$0^s.01$	$0''.01$
1	$43^s.84$	$19''.89$	+45	+2	$48^s.41$	$10''.11$	−4	+9	$11^s.39$	$3''.56$	−13	+7	$48^s.25$	$1''.23$	−24	−8
2	43.60	19.57	+38	+6	48.95	9.82	−22	+6	12.46	3.40	−27	+4	49.49	1.25	−11	−10
3	43.38	19.24	+23	+9	49.52	9.54	−34	+2	13.54	3.24	−33	−1	50.72	1.28	+4	−10
4	43.19	18.92	+4	+10	50.12	9.26	−37	−3	14.63	3.09	−32	−6	51.96	1.32	+18	−7
5	43.03	18.59	−15	+8	50.73	8.98	−32	−8	15.74	2.94	−22	−9	53.19	1.36	+25	−3
6	42.89	18.26	−31	+5	51.37	8.71	−20	−10	16.85	2.80	−8	−10	54.42	1.41	+26	+2
7	42.77	17.94	−39	0	52.02	8.44	−4	−10	17.98	2.66	+7	−9	55.65	1.46	+19	+7
8	42.69	17.61	−38	−5	52.70	8.17	+11	−8	19.11	2.53	+19	−5	56.87	1.52	+7	+9
9	42.63	17.29	−29	−8	53.41	7.91	+20	−4	20.26	2.41	+24	−1	58.08	1.59	−8	+10
10	42.59	16.96	−14	−10	54.13	7.65	+24	+1	21.41	2.29	+22	+4	59.29	1.66	−21	+9
11	42.59	16.64	+2	−9	54.87	7.39	+19	+6	22.58	2.18	+13	+8	60.49	1.74	−32	+6
12	42.61	16.32	+16	−6	55.64	7.14	+9	+9	23.75	2.07	+1	+10	61.69	1.82	−37	+3
13	42.66	15.99	+24	−2	56.42	6.89	−4	+10	24.93	1.97	−13	+10	62.87	1.91	−36	−1
14	42.73	15.67	+24	+3	57.23	6.65	−17	+10	26.12	1.88	−25	+8	64.05	2.01	−29	−5
15	42.83	15.34	+18	+7	58.05	6.41	−27	+7	27.31	1.79	−33	+5	65.23	2.11	−18	−8
16	42.96	15.02	+6	+10	58.89	6.18	−33	+4	28.52	1.71	−36	+1	66.39	2.22	−5	−9
17	43.11	14.70	−7	+10	59.76	5.95	−34	0	29.73	1.63	−33	−3	67.55	2.33	+11	−9
18	43.29	14.38	−19	+9	60.64	5.72	−29	−4	30.95	1.56	−25	−6	68.70	2.45	+25	−7
19	43.49	14.06	−29	+6	61.53	5.50	−20	−7	32.17	1.50	−13	−9	69.83	2.57	+36	−4
20	43.72	13.74	−33	+2	62.45	5.28	−6	−9	33.39	1.44	+2	−10	70.96	2.70	+41	0
21	43.97	13.43	−31	−2	63.38	5.07	+10	−10	34.62	1.39	+18	−9	72.08	2.84	+40	+4
22	44.25	13.12	−24	−5	64.33	4.86	+25	−8	35.85	1.34	+31	−7	73.19	2.98	+31	+8
23	44.56	12.81	−13	−8	65.29	4.66	+38	−5	37.08	1.30	+41	−3	74.29	3.12	+17	+9
24	44.89	12.50	+1	−10	66.27	4.47	+45	−1	38.32	1.27	+44	+1	75.38	3.27	−1	+9
25	45.24	12.19	+17	−10	67.27	4.28	+45	+3	39.56	1.24	+40	+6	76.46	3.43	−17	+7
26	45.62	11.89	+32	−8	68.28	4.09	+38	+7	40.80	1.22	+28	+9	77.52	3.59	−28	+3
27	46.02	11.59	+43	−4	69.30	3.91	+23	+9	42.04	1.21	+12	+10	78.57	3.76	−32	−2
28	46.45	11.29	+47	0	70.34	3.73	+5	+9	43.28	1.20	−6	+9	79.61	3.93	−27	−7
29	46.90	10.99	+43	+5	71.39	3.56	−13	+7	44.52	1.20	−21	+5	80.63	4.11	−16	−10
30	47.38	10.69	+32	+8					45.77	1.20	−30	+1	81.64	4.29	0	−10
31	47.88	10.40	+14	+10					47.01	1.21	−31	−4	82.64	4.48	+15	−9
32	48.41	10.11	−4	+9					48.25	1.23	−24	−8				

δ	sec δ	tg δ	δ	sec δ	tg δ
$+89°\ 2'\ 0''$	59.274	+59.266	$+89°\ 2'\ 10''$	59.445	+59.437
10	59.445	+59.437	20	59.617	+59.608

$\alpha_{1935.0} = 18^h\ 40^m\ 30^s.30$ $\delta_{1935.0} = +89°\ 2'\ 23''.05$

Ni) λ Ursae minoris $6^m 55$

Tag	Mai AR.	Mai Dekl.	Mai ☾ Glieder in		Juni AR.	Juni Dekl.	Juni ☾ Glieder in		Juli AR.	Juli Dekl.	Juli ☾ Glieder in		August AR.	August Dekl.	August ☾ Glieder in	
	$18^h 40^m$	+89° 2′	0.01 s	0.01 ″	$18^h 40^m$	+89° 2′	0.01 s	0.01 ″	$18^h 40^m$	+89° 2′	0.01 s	0.01 ″	$18^h 39^m$	+89° 2′	0.01 s	0.01 ″
	s	″			s	″			s	″			s	″		
1	22.64	4.48	+15	−9	45.11	12.31	+20	+7	47.88	21.98	−17	+10	89.23	31.94	−24	−7
2	23.62	4.67	+25	−5	45.52	12.61	+7	+10	47.62	22.31	−29	+7	88.33	32.22	−11	−9
3	24.59	4.87	+29	0	45.91	12.92	−8	+10	47.34 47.04	22.63 22.96	−35 −35	+3 −1	87.40	32.50	+4	−9
4	25.54	5.07	+24	+5	46.28	13.22	−22	+9	46.72	23.29	−29	−5	86.46	32.77	+19	−8
5	26.48	5.28	+14	+9	46.63	13.53	−32	+6	46.38	23.62	−19	−7	85.50	33.04	+32	−6
6	27.40	5.49	−1	+10	46.96	13.84	−36	+2	46.01	23.94	−5	−9	84.52	33.31	+41	−3
7	28.31	5.71	−15	+10	47.26	14.15	−34	−2	45.63	24.27	+10	−9	83.52	33.58	+44	+1
8	29.20	5.93	−27	+8	47.54	14.47	−26	−6	45.22	24.59	+25	−8	82.51	33.84	+40	+5
9	30.07	6.15	−35	+4	47.80	14.78	−14	−8	44.79	24.92	+36	−5	81.48	34.10	+29	+8
10	30.93	6.38	−36	0	48.04	15.10	0	−9	44.34	25.25	+43	−1	80.43	34.36	+13	+9
11	31.77	6.61	−32	−4	48.26	15.42	+15	−9	43.87	25.57	+42	+3	79.37	34.61	−5	+8
12	32.59	6.85	−23	−7	48.45	15.74	+29	−7	43.37	25.89	+35	+7	78.29	34.86	−20	+5
13	33.40	7.09	−10	−9	48.62	16.06	+38	−3	42.86	26.21	+21	+9	77.19	35.10	−30	+1
14	34.19	7.33	+5	−9	48.77	16.38	+42	+1	42.32	26.53	+3	+9	76.08	35.34	−32	−4
15	34.96	7.58	+20	−8	48.90	16.71	+39	+5	41.76	26.85	−14	+7	74.95	35.58	−26	−8
16	35.71	7.83	+32	−6	49.00	17.04	+28	+8	41.18	27.16	−28	+4	73.81	35.82	−14	−10
17	36.44	8.08	+40	−2	49.09	17.36	+12	+9	40.59	27.48	−35	−1	72.66	36.05	+1	−9
18	37.16	8.34	+41	+2	49.15	17.69	−6	+9	39.97	27.79	−33	−6	71.49	36.28	+15	−7
19	37.86	8.60	+34	+6	49.18	18.01	−22	+6	39.33	28.10	−23	−9	70.31	36.51	+23	−3
20	38.54	8.87	+22	+9	49.20	18.34	−33	+2	38.67	28.41	−9	−10	69.11	36.73	+24	+2
21	39.20	9.14	+5	+10	49.19	18.67	−36	−3	37.99	28.71	+7	−9	67.90	36.95	+17	+7
22	39.84	9.41	−13	+8	49.16	19.00	−30	−7	37.30	29.02	+20	−5	66.67	37.17	+5	+10
23	40.46	9.69	−27	+5	49.10	19.33	−17	−10	36.58	29.32	+26	−1	65.43	37.38	−9	+10
24	41.05	9.97	−34	0	49.03	19.66	0	−10	35.84	29.62	+24	+4	64.18	37.59	−23	+9
25	41.63	10.25	−32	−5	48.93	19.99	+15	−8	35.08	29.92	+15	+8	62.91	37.79	−33	+6
26	42.19	10.54	−23	−9	48.81	20.32	+25	−4	34.30	30.21	+2	+10	61.64	37.99	−38	+2
27	42.73	10.83	−8	−10	48.67	20.65	+28	+1	33.51	30.51	−13	+10	60.35	38.19	−36	−2
28	43.24	11.12	+8	−9	48.50	20.99	+23	+6	32.69	30.80	−26	+8	59.05	38.38	−29	−5
29	43.74	11.42	+22	−6	48.32	21.32	+12	+9	31.85	31.09	−34	+5	57.74	38.57	−17	−8
30	44.21	11.71	+29	−2	48.11	21.65	−2	+10	31.00	31.38	−36	+1	56.41	38.75	−3	−9
31	44.67	12.01	+28	+3	47.88	21.98	−17	+10	30.12	31.66	−33	−3	55.07	38.93	+12	−9
32	45.11	12.31	+20	+7					29.23	31.94	−24	−7	53.72	39.11	+26	−7

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+89° 2′ 0″	59.274	+59.266	+89° 2′ 10″	59.445	+59.437	+89° 2′ 30″	59.790	+59.781
10	59.445	+59.437	20	59.617	+59.608	40	59.964	+59.955

$\alpha_{1935.0} = 18^h\ 40^m\ 30^s.30$ $\delta_{1935.0} = +89°\ 2'\ 23''.05$

Scheinbare Sternörter 1935

Obere Kulmination Greenwich

Ni) λ Ursae minoris $6^m.55$

Tag	September				Oktober				November				Dezember			
	AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder	
	$18^h 39^m$	$+89° 2'$	in $0^s.01$	in $0''.01$	$18^h 38^m$	$+89° 2'$	in $0^s.01$	in $0''.01$	$18^h 37^m$	$+89° 2'$	in $0^s.01$	in $0''.01$	$18^h 37^m$	$+89° 2'$	in $0^s.01$	in $0''.01$
	s	″			s	″			s	″			s	″		
1	53.72	39.11	+26	−7	69.61	42.31	+41	+2	82.81	41.02	−1	+8	46.07	35.36	−30	−1
2	52.36	39.28	+37	−4	68.07	42.35	+36	+6	81.39	40.90	−15	+6	45.11	35.11	−27	−6
3	50.99	39.45	+43	0	66.53	42.38	+25	+8	79.99	40.77	−25	+2	44.16	34.85	−17	−9
4	49.61	39.61	+42	+4	64.98	42.40	+10	+9	78.59	40.64	−27	−3	43.24	34.59	−2	−10
5	48.23	39.77	+34	+7	63.44	42.42	−6	+7	77.21	40.50	−22	−7	42.33	34.33	+13	−9
6	46.83	39.92	+21	+9	61.89	42.43	−19	+4	75.83	40.36	−10	−10	41.45	34.06	+26	−6
7	45.42	40.07	+4	+9	60.35	42.44	−26	0	74.47	40.21	+5	−10	40.59	33.79	+31	−1
8	44.00	40.22	−12	+7	58.80	42.45	−26	−5	73.12	40.06	+19	−8	39.74	33.51	+28	+4
9	42.58	40.36	−24	+3	57.26	42.45	−18	−8	71.78	39.90	+28	−4	38.92	33.23	+19	+8
10	41.14	40.50	−29	−2	55.72	42.44	−5	−10	70.45	39.74	+30	+1	38.13	32.95	+3	+10
11	39.70	40.63	−26	−6	54.18	42.43	+9	−9	69.14	39.58	+24	+6	37.35	32.67	−14	+10
12	38.25	40.76	−16	−9	52.64	42.41	+22	−6	67.84	39.41	+11	+9	36.60	32.38	−28	+8
13	36.79	40.88	−2	−10	51.10	42.39	+27	−2	66.55	39.24	−6	+10	35.87	32.10	−37	+4
14	35.33	41.00	+12	−8	49.57	42.36	+26	+3	65.28	39.06	−21	+10	35.16	31.81	−40	0
15	33.86	41.11	+22	−5	48.04	42.33	+17	+7	64.02	38.88	−34	+7	34.48	31.51	−36	−4
16	32.38	41.22	+25	0	46.51	42.29	+3	+10	62.77	38.69	−40	+3	33.82	31.22	−26	−7
17	30.90	41.33	+21	+5	44.99	42.25	−14	+10	61.54	38.50	−40	−1	33.18	30.92	−13	−8
18	29.41	41.43	+10	+9	43.47	42.21	−28	+9	60.33	38.30	−33	−5	32.57	30.62	+2	−9
19	27.91	41.53	−5	+10	41.95	42.16	−37	+6	59.13	38.10	−22	−7	31.98	30.32	+17	−8
20	26.41	41.62	−20	+10	40.44	42.10	−41	+1	57.95	37.89	−8	−9	31.42	30.02	+29	−5
21	24.90	41.71	−32	+8	38.93	42.04	−38	−3	56.78	37.68	+7	−9	30.88	29.71	+37	−2
22	23.39	41.79	−39	+4	37.43	41.97	−29	−6	55.63	37.47	+21	−7	30.36	29.40	+39	+2
23	21.87	41.87	−39	0	35.94	41.90	−17	−8	54.49	37.25	+32	−4	29.87	29.09	+34	+5
24	20.35	41.94	−34	−4	34.45	41.82	−2	−9	53.38	37.03	+38	0	29.41	28.78	+24	+8
25	18.82	42.01	−24	−7	32.97	41.74	+13	−8	52.28	36.80	+37	+3	28.97	28.47	+10	+9
26	17.29	42.07	−10	−9	31.50	41.65	+26	−6	51.20	36.57	+31	+7	28.56	28.15	−6	+8
27	15.76	42.13	+5	−9	30.03	41.56	+35	−3	50.13	36.34	+19	+9	28.17	27.83	−21	+5
28	14.23	42.18	+20	−8	28.57	41.46	+39	+1	49.09	36.10	+3	+9	27.81	27.52	−29	+1
29	12.69	42.23	+32	−5	27.12	41.36	+37	+5	48.06	35.86	−12	+7	27.47	27.20	−31	−4
30	11.15	42.27	+40	−1	25.67	41.25	+28	+8	47.06	35.61	−24	+4	27.16	26.87	−24	−8
31	9.61	42.31	+41	+2	24.24	41.14	+14	+9	46.07	35.36	−30	−1	*)26.88	26.55	−11	−10
32					22.81	41.02	−1	+8					26.62	26.23	+5	−10

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+89° 2′ 20″	59.617	+59.608	+89° 2′ 30″	59.790	+59.781	+89° 2′ 40″	59.964	+59.955
30	59.790	+59.781	40	59.964	+59.955	50	60.138	+60.130

$\alpha_{1935.0} = 18^h\ 40^m\ 30^s.30$ $\qquad \delta_{1935.0} = +89°\ 2'\ 23''.05$

*) Tag der doppelten unteren Kulmination: Dez. 31.

Scheinbare Sternörter 1935

Obere Kulmination Greenwich

Nk) 76 Draconis $5^m.69$

Tag	Januar				Februar				März				April			
	AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder	
	$20^h 47^m$	+ 82° 17′	in $0^s.01$	in $0''.01$	$20^h 47^m$	+ 82° 17′	in $0^s.01$	in $0''.01$	$20^h 47^m$	+ 82° 17′	in $0^s.01$	in $0''.01$	$20^h 47^m$	+ 82° 17′	in $0^s.01$	in $0''.01$
	s	″			s	″			s	″			s	″		
1	13.43	43.23	+4	− 4	11.66	34.00	+2	+ 8	12.61	25.22	+1	+ 8	16.11	18.38	−4	− 4
2	13.33	42.98	+4	0	*)11.65	33.67	0	+ 8	12.69	24.94	−1	+ 7	16.26	18.24	−4	− 7
3	13.23	42.72	+4	+ 5	11.65	33.35	−2	+ 6	12.77	24.66	−3	+ 3	16.40	18.11	−2	− 9
4	13.14	42.46	+3	+ 8	11.65	33.02	−4	+ 2	12.85	24.38	−4	− 1	16.55	17.98	−1	− 8
5	13.05	42.20	+1	+ 9	11.65	32.70	−4	− 2	12.93	24.11	−4	− 5	16.70	17.86	+1	− 5
6	12.96	41.93	−1	+ 8	11.65	32.38	−4	− 6	13.02	23.84	−3	− 8	16.85	17.74	+3	− 1
7	12.87	41.66	−3	+ 5	11.66	32.05	−3	− 8	13.11	23.57	−2	− 9	17.00	17.63	+3	+ 3
8	12.79	41.38	−4	+ 1	11.67	31.73	−1	− 8	13.20	23.31	0	− 7	17.15	17.53	+3	+ 8
9	12.71	41.10	−5	− 4	11.68	31.40	+1	− 6	13.30	23.05	+2	− 4	17.30	17.43	+2	+10
10	12.63	40.81	−4	− 7	11.70	31.08	+2	− 2	13.40	22.79	+3	+ 1	17.46	17.34	+1	+11
11	12.55	40.52	−2	− 8	11.72	30.76	+3	+ 3	13.50	22.54	+3	+ 5	17.61	17.25	0	+10
12	12.48	40.23	0	− 7	11.74	30.44	+3	+ 7	13.60	22.29	+3	+ 9	17.77	17.17	−2	+ 7
13	12.41	39.94	+1	− 4	11.77	30.11	+3	+10	13.71	22.05	+2	+11	17.92	17.10	−3	+ 3
14	12.34	39.65	+3	0	11.80	29.79	+2	+11	13.82	21.81	0	+11	18.08	17.03	−4	0
15	12.28	39.35	+3	+ 4	11.84	29.47	0	+10	13.93	21.58	−1	+ 9	18.24	16.97	−3	− 4
16	12.22	39.05	+3	+ 8	11.88	29.15	−1	+ 8	14.04	21.35	−2	+ 6	18.40	16.91	−3	− 8
17	12.16	38.75	+2	+10	11.92	28.84	−2	+ 4	14.16	21.13	−3	+ 2	18.56	16.86	−2	−10
18	12.11	38.44	+1	+10	11.96	28.53	−3	0	14.28	20.91	−3	− 2	18.72	16.82	0	−10
19	12.06	38.13	0	+ 9	12.00	28.22	−3	− 4	14.40	20.70	−3	− 6	18.88	16.78	+1	− 9
20	12.01	37.82	−2	+ 6	12.05	27.91	−3	− 7	14.52	20.49	−2	− 9	19.04	16.75	+3	− 6
21	11.96	37.51	−3	+ 2	12.10	27.60	−2	−10	14.64	20.28	−1	−10	19.21	16.73	+4	− 2
22	11.92	37.20	−3	− 2	12.15	27.29	0	−11	14.77	20.08	0	−10	19.37	16.71	+4	+ 2
23	11.88	36.89	−3	− 6	12.21	26.99	+1	−10	14.89	19.89	+2	− 8	19.53	16.70	+4	+ 6
24	11.84	36.57	−3	− 9	12.27	26.69	+3	− 7	15.02	19.70	+4	− 5	19.70	16.70	+2	+ 8
25	11.81	36.25	−1	−11	12.33	26.39	+4	− 3	15.15	19.51	+4	0	19.86	16.70	0	+ 8
26	11.78	35.93	0	−11	12.39	26.09	+5	+ 1	15.28	19.33	+4	+ 4	20.02	16.71	−1	+ 6
27	11.75	35.61	+2	− 9	12.46	25.80	+4	+ 5	15.42	19.16	+3	+ 7	20.18	16.73	−3	+ 2
28	11.73	35.29	+3	− 6	12.53	25.51	+3	+ 8	15.55	18.99	+2	+ 8	20.34	16.75	−4	− 2
29	11.71	34.96	+4	− 2	12.61	25.22	+1	+ 8	15.69	18.83	0	+ 7	20.51	16.78	−4	− 6
30	11.69	34.64	+5	+ 3					15.83	18.67	−2	+ 4	20.67	16.81	−3	− 9
31	11.67	34.32	+4	+ 7					15.97	18.52	−4	0	20.83	16.85	−1	− 9
32	11.66	34.00	+2	+ 8					16.11	18.38	−4	− 4				

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+82° 17′ 10″	7.450	+7.383	+82° 17′ 20″	7.453	+7.385	+82° 17′ 40″	7.458	+7.391
20	7.453	+7.385	30	7.455	+7.388	50	7.461	+7.393

$\alpha_{1935.0} = 20^h\ 47^m\ 24^s.72$ $\qquad$ $\delta_{1935.0} = +82°\ 17'\ 31''.93$

*) Tag der doppelten unteren Kulmination: Febr. 2.

Scheinbare Sternörter 1935

Obere Kulmination Greenwich

Nk) 76 Draconis $5^m.69$

Tag	Mai				Juni				Juli				August			
	AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder	
		+	in			+	in			+	in			+	in	
	20^h47^m	82° 17′	$0^s.01$	$0''.01$	20^h47^m	82° 17′	$0^s.01$	$0''.01$	20^h47^m	82° 17′	$0^s.01$	$0''.01$	20^h47^m	82° 17′	$0^s.01$	$0''.01$
1	$20^s.83$	$16''.85$	−1	−9	$25^s.53$	$20''.96$	+3	+4	$28^s.62$	$29''.31$	+1	+11	$29^s.55$	$40''.31$	−3	+1
2	21.00	16.89	+1	−7	25.66	21.18	+3	+8	28.69	29.64	0	+10	29.54	40.67	−3	−3
3	21.16	16.94	+2	−3	25.79	21.41	+2	+10	28.76	29.97	−2	+7	29.52	41.04	−3	−6
4	21.32	17.00	+3	+1	25.92	21.64	+1	+10	28.82	30.30	−3	+4	29.50 29.48	41.41 41.78	−2 −1	−9 −10
5	21.48	17.06	+3	+6	26.04	21.87	−1	+9	28.88	30.64	−3	0	29.46	42.14	+1	−10
6	21.64	17.13	+3	+9	26.17	22.11	−2	+6	28.94	30.98	−3	−4	29.43	42.51	+2	−8
7	21.81	17.21	+2	+11	26.29	22.35	−3	+2	29.00	31.32	−3	−7	29.40	42.88	+4	−5
8	21.97	17.29	0	+10	26.41	22.60	−3	−2	29.05	31.66	−2	−9	29.37	43.24	+4	−1
9	22.13	17.38	−1	+8	26.53	22.85	−3	−5	29.10	32.01	0	−10	29.33	43.61	+4	+3
10	22.29	17.47	−3	+5	26.65	23.10	−3	−8	29.15	32.36	+1	−9	29.29	43.98	+3	+6
11	22.44	17.57	−3	+1	26.77	23.36	−1	−10	29.20	32.71	+3	−7	29.25	44.34	+2	+8
12	22.60	17.68	−3	−3	26.88	23.62	0	−10	29.24	33.06	+4	−3	29.21	44.71	0	+7
13	22.76	17.79	−3	−6	26.99	23.89	+2	−8	29.28	33.41	+4	+1	29.17	45.07	−2	+5
14	22.91	17.91	−2	−9	27.10	24.16	+3	−5	29.32	33.76	+4	+5	29.13	45.43	−3	+1
15	23.07	18.03	−1	−10	27.21	24.44	+4	−1	29.35	34.12	+3	+8	29.08	45.79	−4	−3
16	23.22	18.16	+1	−9	27.32	24.72	+4	+3	29.38	34.47	+1	+8	29.03	46.15	−4	−7
17	23.38	18.29	+2	−7	27.42	25.00	+3	+7	29.41	34.83	−1	+7	28.97	46.51	−2	−9
18	23.53	18.43	+4	−3	27.51	25.29	+2	+8	29.44	35.19	−3	+4	28.91	46.86	−1	−8
19	23.68	18.58	+4	+1	27.61	25.58	0	+8	29.47	35.55	−4	−1	28.85	47.22	+1	−5
20	23.83	18.73	+4	+5	27.71	25.87	−2	+6	29.49	35.92	−4	−5	28.79	47.57	+2	−1
21	23.97	18.88	+3	+8	27.80	26.17	−3	+2	29.51	36.28	−3	−8	28.73	47.93	+3	+4
22	24.12	19.04	+1	+9	27.89	26.47	−4	−2	29.53	36.64	−2	−9	28.66	48.28	+3	+8
23	24.27	19.21	−1	+7	27.99	26.77	−4	−6	29.54	37.01	0	−7	28.59	48.63	+2	+10
24	24.41	19.38	−2	+4	28.08	27.08	−3	−9	29.55	37.37	+2	−4	28.52	48.98	+1	+11
25	24.56	19.56	−4	0	28.16	27.39	−1	−9	29.56	37.74	+3	+1	28.45	49.33	−1	+10
26	24.70	19.75	−4	−5	28.25	27.70	+1	−6	29.57	38.11	+3	+5	28.37	49.67	−2	+7
27	24.84	19.94	−3	−8	28.33	28.02	+2	−2	29.57	38.47	+3	+9	28.29	50.01	−3	+3
28	24.98	20.13	−2	−9	28.41	28.34	+3	+2	29.57	38.84	+2	+11	28.21	50.35	−4	−1
29	25.12	20.33	0	−8	28.48	28.66	+3	+6	29.57	39.20	0	+11	28.13	50.69	−3	−5
30	25.26	20.54	+2	−5	28.55	28.98	+3	+9	29.56	39.57	−1	+9	28.05	51.02	−3	−8
31	25.39	20.75	+3	−1	28.62	29.31	+1	+11	29.56	39.94	−2	+5	27.96	51.36	−1	−9
32	25.53	20.96	+3	+4					29.55	40.31	−3	+1	27.87	51.69	0	−10

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+82° 17′ 10″	7.450	+7.383	+82° 17′ 30″	7.455	+7.388	+82° 17′ 50″	7.461	+7.393
20	7.453	+7.385	40	7.458	+7.391	60	7.463	+7.396

$\alpha_{1935.0} = 20^h\ 47^m\ 24^s.72$ $\delta_{1935.0} = +82°\ 17'\ 31''.93$

Scheinbare Sternörter 1935

Obere Kulmination Greenwich

Nk) 76 Draconis $5^m.69$

Tag	September AR.	September Dekl.	September ☾ Glieder		Oktober AR.	Oktober Dekl.	Oktober ☾ Glieder		November AR.	November Dekl.	November ☾ Glieder		Dezember AR.	Dezember Dekl.	Dezember ☾ Glieder	
	20^h47^m	+82° 17′	in $0^s.01$	in $0''.01$	20^h47^m	+82° 18′	in $0^s.01$	in $0''.01$	20^h47^m	+82° 18′	in $0^s.01$	in $0''.01$	20^h47^m	+82° 17′	in $0^s.01$	in $0''.01$
1	27.87	51.69	0	−10	24.22	0.27	+4	−3	19.15	5.18	+2	+7	14.05	64.94	−3	+3
2	27.77	52.02	+1	−8	24.07	0.50	+4	0	18.97	5.26	0	+7	13.89	64.84	−4	−1
3	27.68	52.35	+3	−6	23.92	0.72	+4	+4	18.80	5.33	−1	+5	13.73	64.74	−4	−6
4	27.58	52.68	+4	−2	23.77	0.94	+3	+6	18.62	5.39	−3	+1	13.57	64.63	−3	−9
5	27.47	53.00	+4	+2	23.62	1.15	+2	+7	18.45	5.45	−4	−3	13.42	64.51	−1	−10
6	27.37	53.32	+4	+5	23.46	1.36	0	+6	18.28	5.50	−3	−7	13.26	64.39	0	−8
7	27.27	53.63	+3	+7	23.31	1.57	−2	+3	18.10	5.55	−2	−9	13.11	64.26	+2	−5
8	27.16	53.95	+1	+7	23.15	1.77	−3	−1	17.93	5.59	−1	−9	12.96	64.13	+3	0
9	27.05	54.26	−1	+5	23.00	1.97	−4	−5	17.76	5.63	+1	−7	12.81	63.99	+4	+5
10	26.95	54.57	−3	+2	22.84	2.17	−3	−8	17.58	5.66	+3	−3	12.66	63.85	+3	+9
11	26.84	54.88	−4	−2	22.68	2.36	−2	−9	17.41	5.68	+3	+2	12.52	63.70	+2	+11
12	26.72	55.18	−4	−6	22.52	2.55	0	−8	17.23	5.70	+3	+7	12.37	63.54	0	+10
13	26.61	55.48	−3	−8	22.36	2.73	+2	−5	17.06	5.71	+2	+10	12.23	63.38	−1	+9
14	26.49	55.78	−1	−9	22.20	2.90	+3	−1	16.88	5.72	+1	+11	12.09	63.22	−3	+5
15	26.37	56.07	0	−7	22.03	3.07	+3	+4	16.71	5.72	−1	+10	11.95	63.05	−4	+2
16	26.25	56.36	+2	−3	21.87	3.24	+3	+9	16.54	5.71	−2	+8	11.82	62.87	−4	−2
17	26.12	56.65	+3	+2	21.70	3.40	+2	+11	16.36	5.70	−3	+4	11.68	62.69	−3	−6
18	26.00	56.93	+3	+6	21.54	3.55	0	+11	16.19	5.68	−4	0	11.55	62.51	−2	−8
19	25.87	57.21	+3	+10	21.37	3.70	−1	+10	16.02	5.66	−4	−4	11.42	62.32	−1	−9
20	25.74	57.48	+1	+11	21.20	3.85	−3	+6	15.85	5.63	−3	−7	11.29	62.12	+1	−8
21	25.61	57.75	0	+11	21.03	3.99	−3	+3	15.69	5.60	−2	−8	11.16	61.92	+2	−6
22	25.48	58.02	−2	+9	20.86	4.12	−4	−1	15.52	5.56	0	−9	11.03	61.71	+3	−3
23	25.35	58.29	−3	+5	20.69	4.25	−3	−5	15.35	5.52	+1	−8	10.91	61.50	+4	0
24	25.21	58.55	−4	+1	20.52	4.37	−3	−8	15.18	5.47	+3	−5	10.79	61.29	+4	+4
25	25.08	58.81	−4	−3	20.35	4.49	−1	−9	15.02	5.41	+4	−2	10.67	61.07	+3	+6
26	24.94	59.06	−3	−6	20.18	4.60	0	−9	14.86	5.34	+4	+2	10.55	60.84	+2	+8
27	24.80	59.31	−2	−8	20.01	4.71	+2	−7	14.69	5.27	+4	+5	10.44	60.61	0	+7
28	24.66	59.56	−1	−9	19.84	4.82	+3	−4	14.53	5.20	+3	+7	10.33	60.38	−2	+5
29	24.51	59.80	+1	−9	19.67	4.92	+4	−1	14.37	5.12	+1	+8	10.22	60.15	−3	+1
30	24.37	60.04	+2	−6	19.49	5.01	+4	+3	14.21	5.03	−1	+6	10.11	59.91	−4	−3
31	24.22	60.27	+4	−3	19.32	5.10	+3	+6	14.05	4.94	−3	+3	10.01	59.66	−3	−7
32					19.15	5.18	+2	+7					9.91	59.41	−2	−9

δ	sec δ	tg δ	δ	sec δ	tg δ
+82° 17′ 50″	7.461	+7.393	+82° 18′ 0″	7.463	+7.396
60	7.463	+7.396	10	7.466	+7.399

$\alpha_{1935.0} = 20^h\ 47^m\ 24^s.72$ $\delta_{1935.0} = +82°\ 17'\ 31''.93$

Scheinbare Sternörter 1935

Obere Kulmination Greenwich

Sa) Octantis 4 G. $5^{m}.63$

Tag	Januar AR.	Januar Dekl.	Januar ☾ Glieder		Februar AR.	Februar Dekl.	Februar ☾ Glieder		März AR.	März Dekl.	März ☾ Glieder		April AR.	April Dekl.	April ☾ Glieder	
	$1^h\ 40^m$	$-85°\ 6'$	in $0^s.01$	in $0''.01$	$1^h\ 40^m$	$-85°\ 5'$	in $0^s.01$	in $0''.01$	$1^h\ 40^m$	$-85°\ 5'$	in $0^s.01$	in $0''.01$	$1^h\ 40^m$	$-85°\ 5'$	in $0^s.01$	in $0''.01$
1	$63^s.35$	$7''.11$	−2	−12	$55^s.03$	$64''.85$	−6	+1	$48^s.63$	$58''.31$	−5	+3	$44^s.16$	$47''.79$	+6	+7
2	63.08	7.13	−5	−10	54.78	64.69	−4	+6	48.44	58.02	−2	+7	44.07	47.42	+7	+4
3	62.81	7.14	−7	−7	54.53	64.52	−1	+9	48.25	57.72	+2	+9	43.99	47.05	+7	0
4	62.54	7.15	−7	−2	54.28	64.34	+3	+10	48.06	57.42	+5	+9	43.91	46.68	+4	−4
5	62.27	7.15	−6	+3	54.03	64.16	+6	+8	47.87	57.11	+7	+7	43.83	46.31	+1	−6
6	61.99	7.14	−3	+8	53.78	63.97	+7	+6	47.69	56.80	+7	+3	43.76	45.94	−2	−7
7	61.72	7.13	+1	+11	53.53	63.78	+7	+2	47.51	56.49	+6	−1	43.69	45.57	−5	−6
8	61.45	7.11	+4	+11	53.28	63.58	+5	−2	47.33	56.17	+3	−4	43.62	45.19	−7	−3
9	61.18	7.09	+6	+9	53.04	63.38	+2	−5	47.16	55.85	0	−6	43.56	44.81	−8	+1
10	60.91	7.06	+7	+5	52.80	63.17	−2	−7	46.99	55.53	−4	−6	43.50	44.43	−7	+4
11	60.64	7.02	+6	0	52.56	62.95	−5	−6	46.83	55.20	−7	−5	43.45	44.05	−5	+7
12	60.37	6.98	+4	−4	52.32	62.73	−7	−4	46.67	54.87	−8	−2	43.40	43.67	−2	+9
13	60.10	6.93	+1	−6	52.08	62.51	−8	−1	46.51	54.54	−7	+2	43.36	43.29	+1	+9
14	59.83	6.88	−3	−7	51.85	62.28	−7	+3	46.35	54.21	−6	+5	43.32	42.91	+4	+8
15	59.56	6.82	−6	−6	51.62	62.05	−5	+6	46.20	53.87	−3	+8	43.29	42.53	+6	+6
16	59.29	6.75	−7	−3	51.39	61.81	−2	+8	46.05	53.53	0	+9	43.26	42.15	+7	+2
17	59.02	6.68	−7	0	51.16	61.57	+1	+9	45.91	53.19	+3	+9	*)43.23	41.77	+7	−2
18	58.75	6.60	−6	+4	50.93	61.32	+3	+8	45.77	52.84	+5	+7	43.21	41.39	+5	−6
19	58.48	6.51	−4	+6	50.71	61.07	+5	+6	45.63	52.49	+7	+4	43.19	41.01	+3	−9
20	58.21	6.42	−1	+8	50.49	60.81	+7	+3	45.49	52.14	+7	+1	43.18	40.63	0	−11
21	57.94	6.32	+2	+8	50.27	60.55	+7	−1	45.36	51.79	+6	−3	43.17	40.25	−3	−11
22	57.67	6.22	+4	+7	50.06	60.28	+6	−6	45.23	51.44	+4	−7	43.16	39.87	−6	−9
23	57.40	6.11	+6	+4	49.85	60.01	+4	−9	45.11	51.08	+2	−10	43.15	39.49	−7	−5
24	57.13	5.99	+7	+1	49.64	59.74	+1	−12	44.99	50.72	−1	−12	43.15	39.11	−6	0
25	56.87	5.87	+7	−3	49.43	59.46	−2	−13	44.87	50.36	−4	−11	43.15	38.74	−4	+4
26	56.60	5.74	+5	−7	49.23	59.18	−5	−11	44.76	50.00	−6	−8	43.16	38.36	−1	+7
27	56.33	5.60	+3	−11	49.03	58.89	−7	−7	44.65	49.64	−7	−4	43.17	37.98	+2	+9
28	56.07	5.46	−1	−12	48.83	58.60	−7	−2	44.55	49.27	−6	+1	43.19	37.60	+5	+8
29	55.81	5.32	−4	−12	48.63	58.31	−5	+3	44.45	48.90	−3	+5	43.21	37.23	+7	+5
30	55.55	5.17	−6	−9					44.35	48.53	0	+8	43.23	36.86	+7	+1
31	55.29	5.01	−7	−4					44.25	48.16	+4	+9	43.26	36.49	+6	−3
32	55.03	4.85	−6	+1					44.16	47.79	+6	+7				

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−85° 5′ 30″	11.687	−11.645	−85° 5′ 40″	11.694	−11.651	−85° 6′ 0″	11.707	−11.664
40	11.694	−11.651	50	11.701	−11.658	10	11.714	−11.671

$\alpha_{1935.0} = 1^h\ 40^m\ 57^s.00$ $\delta_{1935.0} = -85°\ 5'\ 54''.65$

*) Tag der doppelten unteren Kulmination: April 17.

Scheinbare Sternörter 1935

Obere Kulmination Greenwich

Sa) Octantis 4 G. $5^{m}.63$

Tag	Mai				Juni				Juli				August			
	AR.	Dekl.	☾ Glieder in		AR.	Dekl.	☾ Glieder in		AR.	Dekl.	☾ Glieder in		AR.	Dekl.	☾ Glieder in	
	$1^{h}\,40^{m}$	— 85° 5′	$0^{s}.01$	0″.01	$1^{h}\,40^{m}$	— 85° 5′	$0^{s}.01$	0″.01	$1^{h}\,40^{m}$	— 85° 5′	$0^{s}.01$	0″.01	$1^{h}\,40^{m}$	— 85° 5′	$0^{s}.01$	0″.01
1	$43^{s}.26$	36″.49	+6	− 3	$45^{s}.98$	25″.97	−6	− 6	$51^{s}.52$	18″.99	−7	+ 3	$58^{s}.80$	16″.69	+3	+ 9
2	43.29	36.12	+3	− 6	46.12	25.68	−8	− 3	51.74	18.83	−5	+ 6	59.04	16.71	+5	+ 7
3	43.32	35.75	−1	− 8	46.27	25.39	−8	+ 1	51.96	18.68	−2	+ 8	59.28	16.74	+6	+ 4
4	43.36	35.38	−4	− 7	46.42	25.10	−6	+ 5	52.18	18.53	+1	+ 9	59.52	16.77	+7	0
5	43.40	35.02	−7	− 5	46.57	24.82	−4	+ 7	52.40	18.39	+4	+ 8	59.76	16.81	+6	− 4
6	43.45	34.65	−8	− 1	46.73	24.54	−1	+ 9	52.63	18.25	+6	+ 6	60.00	16.85	+4	− 8
7	43.50	34.29	−7	+ 3	46.89	24.26	+2	+ 9	52.86	18.12	+7	+ 2	60.23	16.90	+2	−11
8	43.56	33.93	−5	+ 6	47.05	23.99	+4	+ 7	53.09	17.99	+7	− 2	60.46	16.96	−1	−12
9	43.62	33.57	−3	+ 8	47.22	23.72	+6	+ 5	53.32	17.87	+5	− 6	60.69	17.02	−4	−11
10	43.68	33.21	0	+ 9	47.39	23.46	+7	+ 1	53.55	17.76	+3	− 9	60.92	17.08	−6	− 8
11	43.74	32.86	+3	+ 9	47.56	23.20	+7	− 3	53.78	17.65	0	−11	61.15	17.16	−7	− 4
12	43.81	32.51	+5	+ 7	47.73	22.95	+5	− 7	54.01	17.55	−3	−12	61.38	17.24	−6	+ 1
13	43.88	32.16	+7	+ 4	47.91	22.70	+2	−10	54.25	17.45	−5	−10	61.61	17.32	−3	+ 5
14	43.96	31.81	+7	0	48.09	22.45	−1	−11	54.49	17.36	−7	− 6	61.84	17.41	0	+ 8
15	44.04	31.46	+6	− 4	48.27	22.21	−4	−11	54.72	17.27	−7	− 2	62.07	17.51	+3	+ 9
16	44.12	31.11	+4	− 8	48.46	21.97	−6	− 8	54.96	17.19	−5	+ 3	62.29	17.61	+6	+ 8
17	44.21	30.77	+1	−10	48.65	21.73	−7	− 4	55.20	17.12	−2	+ 7	62.51	17.72	+7	+ 5
18	44.30	30.43	−2	−11	48.84	21.50	−6	+ 1	55.44	17.05	+1	+ 9	62.73	17.83	+7	+ 1
19	44.40	30.09	−5	−10	49.03	21.28	−4	+ 5	55.68	16.98	+5	+ 9	62.95	17.95	+4	− 3
20	44.50	29.76	−7	− 7	49.23	21.06	−1	+ 9	55.92	16.92	+7	+ 7	63.17	18.07	+1	− 6
21	44.60	29.43	−7	− 2	49.43	20.85	+3	+10	56.16	16.87	+7	+ 3	63.38	18.20	−3	− 7
22	44.71	29.10	−6	+ 3	49.63	20.64	+6	+ 9	56.40	16.82	+6	− 1	63.59	18.33	−6	− 6
23	44.82	28.77	−3	+ 7	49.83	20.44	+7	+ 5	56.64	16.78	+3	− 5	63.80	18.47	−8	− 3
24	44.93	28.45	+1	+ 9	50.03	20.24	+7	+ 1	56.88	16.75	0	− 7	64.01	18.62	−8	+ 1
25	45.05	28.13	+4	+ 9	50.24	20.05	+5	− 3	57.12	16.72	−4	− 7	64.22	18.77	−7	+ 5
26	45.17	27.81	+7	+ 7	50.45	19.86	+2	− 6	57.36	16.70	−7	− 5	64.42	18.92	−4	+ 8
27	45.30	27.50	+7	+ 3	50.66	19.67	−2	− 8	57.60	16.69	−8	− 2	64.62	19.08	−1	+ 9
28	45.43	27.19	+7	− 1	50.87	19.49	−5	− 7	57.84	16.68	−7	+ 2	64.82	19.25	+2	+ 9
29	45.56	26.88	+4	− 5	51.08	19.32	−7	− 4	58.08	16.67	−6	+ 6	65.02	19.42	+4	+ 8
30	45.70	26.57	+1	− 7	51.30	19.15	−8	− 1	58.32	16.67	−3	+ 8	65.21	19.60	+6	+ 5
31	45.84	26.27	−3	− 8	51.52	18.99	−7	+ 3	58.56	16.68	0	+ 9	65.40	19.78	+7	+ 2
32	45.98	25.97	−6	− 6					58.80	16.69	+3	+ 9	65.59	19.97	+6	− 2

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−85° 5′ 10″	11.674	−11.631	−85° 5′ 20″	11.681	−11.638	−85° 5′ 30″	11.687	−11.645
20	11.681	−11.638	30	11.687	−11.645	40	11.694	−11.651

$\alpha_{1935.0} = 1^{h}\ 40^{m}\ 57^{s}.00$ $\delta_{1935.0} = -85°\ 5'\ 54''.65$

Scheinbare Sternörter 1935

Obere Kulmination Greenwich

Sa) Octantis 4 G. $5^m.63$

Tag	September AR.	September Dekl.	September ☾ Glieder in		Oktober AR.	Oktober Dekl.	Oktober ☾ Glieder in		November AR.	November Dekl.	November ☾ Glieder in		Dezember AR.	Dezember Dekl.	Dezember ☾ Glieder in	
	$1^h 41^m$	−85° 5′	$0^s.01$	$0''.01$	$1^h 41^m$	−85° 5′	$0^s.01$	$0''.01$	$1^h 41^m$	−85° 5′	$0^s.01$	$0''.01$	$1^h 40^m$	−85° 5′	$0^s.01$	$0''.01$
1	5.59	19.97	+6	−2	9.59	27.52	+1	−10	9.50	37.62	−6	0	65.18	45.59	+1	+8
2	5.77	20.16	+5	−6	9.66	27.82	−2	−11	9.42	37.93	−3	+4	64.97	45.79	+5	+8
3	5.95	20.36	+3	−9	9.72	28.12	−4	−10	9.33	38.24	0	+7	64.76	45.99	+7	+6
4	6.13	20.56	0	−11	9.78	28.43	−6	−7	9.24	38.54	+3	+8	64.55	46.18	+7	+2
5	6.31	20.77	−3	−12	9.84	28.74	−6	−3	9.14	38.84	+6	+7	64.34	46.37	+6	−3
6	6.48	20.98	−5	−10	9.89	29.05	−5	+1	9.04	39.14	+8	+4	64.12	46.55	+3	−6
7	6.65	21.20	−6	−6	9.94	29.36	−2	+5	8.94	39.44	+7	0	63.90	46.73	0	−8
8	6.82	21.42	−6	−2	9.98	29.67	+1	+7	8.83	39.73	+5	−4	63.68	46.90	−3	−8
9	6.98	21.64	−4	+3	10.02	29.98	+4	+7	8.72	40.02	+2	−7	63.46	47.07	−6	−6
10	7.14	21.87	−1	+6	10.05	30.29	+7	+6	8.60	40.31	−2	−8	63.23	47.23	−8	−2
11	7.30	22.10	+2	+8	10.08	30.61	+7	+3	8.48	40.60	−5	−7	63.00	47.39	−7	+2
12	7.45	22.34	+5	+8	10.11	30.93	+7	−1	8.35	40.89	−7	−4	62.77	47.54	−5	+6
13	7.60	22.58	+7	+6	10.13	31.26	+4	−5	8.22	41.17	−8	0	62.53	47.68	−3	+9
14	7.75	22.83	+7	+2	10.15	31.58	0	−7	8.09	41.45	−7	+4	62.29	47.82	0	+10
15	7.89	23.08	+6	−2	10.16	31.90	−3	−7	7.95	41.73	−5	+8	62.05	47.95	+3	+10
16	8.03	23.33	+3	−5	10.16	32.22	−6	−5	7.81	42.00	−2	+10	61.81	48.08	+5	+7
17	8.16	23.59	−1	−7	{10.16 10.16	32.54 32.86	−8 −8	−2 +2}	7.66	42.27	+1	+10	61.57	48.20	+6	+4
18	8.29	23.85	−4	−6	10.15	33.18	−6	+6	7.51	42.53	+4	+9	61.33	48.32	+6	0
19	8.41	24.11	−7	−4	10.13	33.50	−4	+9	7.35	42.79	+6	+6	61.08	48.43	+5	−3
20	8.53	24.38	−8	0	10.11	33.82	−1	+10	7.19	43.04	+6	+3	60.83	48.53	+3	−7
21	8.65	24.65	−7	+4	10.09	34.14	+2	+10	7.03	43.30	+6	−1	60.58	48.63	+1	−9
22	8.76	24.92	−5	+7	10.06	34.47	+5	+8	6.86	43.55	+5	−5	60.32	48.72	−2	−10
23	8.87	25.20	−2	+9	10.02	34.79	+6	+5	6.69	43.80	+3	−8	60.06	48.80	−4	−10
24	8.97	25.48	+1	+10	9.98	35.11	+7	+2	6.51	44.04	0	−10	59.80	48.88	−6	−7
25	9.07	25.77	+3	+9	9.94	35.43	+6	−2	6.33	44.27	−3	−10	59.54	48.96	−6	−3
26	9.17	26.06	+5	+7	9.89	35.75	+4	−6	6.15	44.50	−5	−9	59.28	49.03	−6	+1
27	9.26	26.35	+6	+4	9.84	36.07	+2	−9	5.96	44.73	−6	−6	59.02	49.09	−3	+5
28	9.35	26.64	+6	0	9.78	36.38	−1	−10	5.77	44.95	−6	−2	58.76	49.15	0	+8
29	9.43	26.93	+5	−4	9.72	36.69	−4	−10	5.58	45.17	−5	+3	58.50	49.20	+3	+9
30	9.51	27.22	+3	−8	9.65	37.00	−6	−8	5.38	45.38	−2	+6	58.24	49.24	+6	+7
31	9.59	27.52	+1	−10	9.58	37.31	−6	−5	5.18	45.59	+1	+8	57.98	49.28	+7	+4
32					9.50	37.62	−6	0					57.71	49.31	+7	0

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−85° 5′ 10″	11.674	−11.631	−85° 5′ 20″	11.681	−11.638	−85° 5′ 40″	11.694	−11.651
20	11.681	−11.638	30	11.687	−11.645	50	11.701	−11.658

$\alpha_{1935.0} = 1^h\ 40^m\ 57^s.00$ $\delta_{1935.0} = -85°\ 5'\ 54''.65$

Scheinbare Sternörter 1935

Obere Kulmination Greenwich

Sb) ξ Mensae $5^m\!.85$

Tag	Januar				Februar				März				April			
	AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder	
	$5^h 6^m$	—82° 33′	in $0^s\!.01$	in $0''\!.01$	$5^h 6^m$	—82° 33′	in $0^s\!.01$	in $0''\!.01$	$5^h 6^m$	—82° 33′	in $0^s\!.01$	in $0''\!.01$	$5^h 5^m$	—82° 33′	in $0^s\!.01$	in $0''\!.01$
1	$20^s\!.14$	$39''\!.54$	+3	−8	$15^s\!.86$	$46''\!.98$	−2	−6	$10^s\!.66$	$49''\!.65$	−3	−3	$64^s\!.68$	$47''\!.75$	0	+11
2	20.04	39.84	+1	−10	15.69	47.15	−3	−1	10.46	49.67	−3	+2	64.50	47.61	+2	+10
3	19.94	40.14	0	−11	15.52	47.31	−3	+4	10.26	49.68	−2	+7	64.32	47.46	+3	+7
4	19.83	40.43	−2	−8	15.35	47.47	−2	+9	10.06	49.68	−1	+10	64.14	47.31	+3	+2
5	19.72	40.72	−3	−4	15.18	47.62	−1	+11	9.86	49.68	+1	+11	63.96	47.16	+2	−2
6	19.61	41.01	−3	+1	15.00	47.77	+1	+11	9.66	49.68	+2	+9	63.78	47.00	+1	−6
7	19.50	41.29	−3	+6	14.82	47.91	+2	+8	9.46	49.67	+2	+5	63.60	46.84	0	−9
8	19.38	41.57	−2	+10	14.64	48.04	+2	+4	9.26	49.65	+2	+1	63.43	46.67	−2	−9
9	19.26	41.84	0	+11	14.46	48.17	+2	−1	9.06	49.63	+2	−4	63.26	46.50	−3	−8
10	19.14	42.11	+1	+10	14.28	48.30	+1	−5	8.86	49.61	0	−8	63.09	46.32	−4	−5
11	19.02	42.38	+2	+6	14.10	48.42	0	−8	8.66	49.58	−1	−9	62.92	46.14	−4	−1
12	18.89	42.64	+2	+2	13.92	48.53	−2	−9	8.46	49.54	−2	−9	62.75	45.96	−3	+3
13	18.76	42.90	+2	−3	13.73	48.64	−3	−8	8.26	49.50	−3	−7	62.59	45.77	−2	+6
14	18.63	43.15	+1	−7	13.54	48.75	−3	−6	8.07	49.46	−4	−3	62.43	45.58	−1	+8
15	18.49	43.40	0	−9	13.35	48.85	−4	−2	7.88	49.41	−4	0	62.27	45.38	0	+9
16	18.35	43.65	−2	−9	13.16	48.94	−3	+2	7.69	49.35	−3	+4	62.11	45.18	+2	+8
17	18.21	43.89	−3	−8	12.97	49.03	−2	+5	7.49	49.29	−2	+7	61.95	44.97	+3	+6
18	18.07	44.13	−3	−4	12.78	49.11	−1	+8	7.29	49.22	0	+9	61.79	44.76	+4	+2
19	17.93	44.36	−3	−1	12.59	49.19	0	+9	7.10	49.15	+1	+9	61.64	44.55	+4	−2
20	17.78	44.59	−3	+3	12.40	49.26	+2	+9	6.91	49.07	+3	+8	61.49	44.33	+3	−6
21	17.63	44.81	−2	+6	12.21	49.33	+3	+7	6.72	48.99	+3	+5	61.34	44.11	+2	−9
22	17.48	45.03	0	+8	12.02	49.39	+4	+3	6.53	48.90	+4	+1	61.19	43.88	0	−10
23	17.33	45.25	+1	+9	11.82	49.44	+4	−1	6.34	48.81	+4	−3	61.04	43.65	−1	−10
24	17.18	45.46	+3	+8	11.62	49.49	+4	−5	6.15	48.71	+3	−8	60.89	43.42	−2	−7
25	17.02	45.67	+4	+5	11.43	49.53	+3	−9	5.96	48.61	+2	−10	60.75	43.19	−3	−2
26	16.86	45.87	+4	+2	11.24	49.57	+1	−11	5.78	48.50	0	−11	60.61	42.95	−3	+3
27	16.70	46.07	+4	−3	11.05	49.60	0	−11	5.59	48.39	−1	−9	60.47	42.70	−2	+7
28	16.54	46.26	+3	−7	10.86	49.63	−2	−8	5.40	48.27	−2	−5	60.33	42.45	0	+10
29	16.37	46.45	+2	−10	10.66	49.65	−3	−3	5.22	48.15	−3	0	60.20	42.20	+1	+10
30	16.20	46.63	0	−11					5.04	48.02	−2	+5	60.07	41.95	+2	+8
31	16.03	46.81	−1	−9					4.86	47.89	−1	+9	59.94	41.69	+3	+4
32	15.86	46.98	−2	−6					4.68	47.75	0	+11				

δ	sec δ	tg δ	δ	sec δ	tg δ
−82° 33′ 30″	7.721	−7.656	−82° 33′ 40″	7.724	−7.659
40	7.724	−7.659	50	7.727	−7.662

$\alpha_{1935.0} = 5^h\ 6^m\ 11^s\!.99$ $\delta_{1935.0} = -82°\ 33'\ 37''\!.06$

Scheinbare Sternörter 1935

Obere Kulmination Greenwich

Sb) ξ Mensae $5^m_.85$

Tag	Mai				Juni				Juli				August			
	AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder	
	$5^h\ 5^m$	$-82°\ 33'$	in $0^s.01$	$0''.01$	$5^h\ 5^m$	$-82°\ 33'$	in $0^s.01$	$0''.01$	$5^h\ 5^m$	$-82°\ 33'$	in $0^s.01$	$0''.01$	$5^h\ 5^m$	$-82°\ 33'$	in $0^s.01$	$0''.01$
1	$59^s.94$	$41''.69$	+3	+ 4	$57^s.13$	$32''.49$	0	− 9	$56^s.96$	$22''.66$	−3	− 5	$59^s.38$	$14''.04$	−2	+ 7
2	59.81	41.43	+3	− 1	57.08	32.17	−2	− 9	57.00	22.34	−4	− 1	59.50	13.82	0	+ 9
3	59.68	41.17	+2	− 5	57.03	31.84	−3	− 7	57.04	22.03	−3	+ 2	59.62	13.60	+1	+ 9
4	59.56	40.91	0	− 9	56.99	31.51	−4	− 4	57.08	21.72	−2	+ 6	59.74	13.38	+2	+ 7
5	59.44	40.64	−1	−10	56.95	31.18	−3	0	57.13	21.41	−1	+ 8	59.86	13.17	+3	+ 4
6	59.32	40.37	−2	− 9	56.91	30.85	−3	+ 4	57.18	21.10	+1	+ 9	59.98	12.96	+4	0
7	59.20	40.10	−3	− 6	56.88	30.52	−2	+ 7	57.23	20.79	+2	+ 8	60.11	12.76	+4	− 4
8	59.09	39.82	−4	− 2	56.85	30.19	0	+ 9	57.29	20.48	+3	+ 6	60.24	12.57	+3	− 7
9	58.98	39.54	−3	+ 1	*)56.82	29.86	+1	+ 9	57.35	20.18	+4	+ 3	60.37	12.38	+2	−10
10	58.87	39.26	−3	+ 5	56.80	29.53	+2	+ 8	57.41	19.88	+4	− 1	60.50	12.19	0	−11
11	58.76	38.97	−1	+ 8	56.78	29.20	+3	+ 5	57.47	19.58	+3	− 5	60.63	12.01	−1	− 9
12	58.66	38.68	0	+ 9	56.76	28.87	+4	+ 1	57.54	19.29	+2	− 9	60.77	11.83	−2	− 5
13	58.56	38.39	+1	+ 9	56.74	28.54	+4	− 3	57.61	19.00	+1	−10	60.91	11.66	−3	0
14	58.46	38.10	+3	+ 7	56.73	28.21	+3	− 7	57.68	18.71	−1	−10	61.05	11.49	−2	+ 4
15	58.36	37.80	+3	+ 4	56.72	27.88	+2	− 9	57.75	18.42	−2	− 7	61.19	11.33	−2	+ 8
16	58.27	37.50	+4	0	56.71	27.55	0	−10	57.83	18.14	−3	− 3	61.33	11.17	0	+10
17	58.18	37.20	+3	− 4	56.71	27.22	−1	− 9	57.91	17.86	−3	+ 2	61.47	11.02	+1	+10
18	58.09	36.90	+2	− 8	56.71	26.89	−2	− 6	57.99	17.58	−2	+ 7	61.61	10.87	+2	+ 7
19	58.00	36.60	+1	−10	56.71	26.56	−3	− 1	58.07	17.30	−1	+10	61.76	10.73	+2	+ 3
20	57.92	36.29	−1	−10	56.71	26.23	−3	+ 4	58.16	17.03	0	+11	61.91	10.60	+2	− 2
21	57.84	35.98	−2	− 8	56.72	25.90	−2	+ 8	58.25	16.76	+2	+ 9	62.06	10.47	+1	− 6
22	57.76	35.67	−3	− 4	56.73	25.57	0	+10	58.34	16.50	+2	+ 5	62.21	10.35	−1	− 9
23	57.68	35.36	−3	+ 1	56.74	25.24	+1	+10	58.43	16.24	+2	0	62.36	10.23	−2	− 9
24	57.61	35.05	−2	+ 6	56.76	24.92	+2	+ 8	58.53	15.98	+2	− 4	62.51	10.12	−3	− 7
25	57.54	34.73	−1	+ 9	56.78	24.59	+3	+ 3	58.63	15.72	+1	− 8	62.66	10.01	−4	− 4
26	57.47	34.41	0	+11	56.80	24.26	+3	− 2	58.73	15.47	−1	− 9	62.81	9.91	−4	0
27	57.41	34.09	+2	+ 9	56.83	23.94	+2	− 6	58.83	15.22	−2	− 9	62.96	9.82	−3	+ 3
28	57.35	33.77	+3	+ 6	56.86	23.62	0	− 9	58.94	14.98	−3	− 7	63.12	9.73	−2	+ 7
29	57.29	33.45	+3	+ 1	56.89	23.30	−1	−10	59.05	14.74	−4	− 3	63.28	9.64	−1	+ 8
30	57.23	33.13	+2	− 3	56.92	22.98	−3	− 8	59.16	14.50	−3	+ 1	63.44	9.56	+1	+ 9
31	57.18	32.81	+1	− 7	56.96	22.66	−3	− 5	59.27	14.27	−3	+ 5	63.60	9.49	+2	+ 8
32	57.13	32.49	0	− 9					59.38	14.04	−2	+ 7	63.76	9.43	+3	+ 5

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−82° 33′ 0″	7.712	−7.647	−82° 33′ 20″	7.718	−7.653	−82° 33′ 40″	7.724	−7.659
10	7.715	−7.650	30	7.721	−7.656	50	7.727	−7.662

$\alpha_{1935.0} = 5^h\ 6^m\ 11^s.99$ $\delta_{1935.0} = -82°\ 33'\ 37''.06$

*) Tag der doppelten unteren Kulmination: Juni 9.

Sb) ξ Mensae $5^m.85$

Tag	September			Oktober			November			Dezember		
	AR.	Dekl.	☾ Glieder	AR.	Dekl.	☾ Glieder	AR.	Dekl.	☾ Glieder	AR.	Dekl.	☾ Glieder
	$5^h\ 6^m$	−82° 33′	in $0^s.01$ | $0''.01$	$5^h\ 6^m$	−82° 33′	in $0^s.01$ | $0''.01$	$5^h\ 6^m$	−82° 33′	in $0^s.01$ | $0''.01$	$5^h\ 6^m$	−82° 33′	in $0^s.01$ | $0''.01$
1	$3^s.76$	$9''.43$	+3 + 5	$8^s.59$	$10''.33$	+3 − 5	$12^s.59$	$16''.81$	−1 − 9	$14^s.15$	$26''.56$	−2 + 1
2	3.92	9.37	+4 + 2	8.74	10.46	+2 − 8	12.68	17.10	−2 − 6	14.15	26.92	−2 + 6
3	4.08	9.32	+4 − 2	8.90	10.59	+1 −10	12.77	17.39	−2 − 1	14.15	27.27	−1 + 9
4	4.24	9.27	+3 − 6	9.05	10.73	0 −10	12.86	17.68	−2 + 3	14.15	27.62	+1 +10
5	4.40	9.23	+2 − 9	9.20	10.88	−1 − 8	12.95	17.98	−1 + 7	14.14	27.97	+2 + 9
6	4.56	9.20	+1 −10	9.35	11.03	−2 − 4	13.03	18.28	0 +10	14.13	28.32	+3 + 5
7	4.72	9.17	−1 −10	9.50	11.18	−2 0	13.11	18.58	+2 +10	14.12	28.67	+3 0
8	4.88	9.14	−2 − 7	9.65	11.34	−2 + 5	13.19	18.89	+3 + 7	14.10 14.08	29.02 29.37	+2 − 4 +1 − 8
9	5.04	9.12	−2 − 3	9.79	11.51	−1 + 9	13.27	19.20	+3 + 3	14.06	29.72	−1 − 9
10	5.20	9.11	−2 + 2	9.93	11.68	+1 +10	13.34	19.51	+3 − 2	14.03	30.06	−2 − 9
11	5.37	9.11	−2 + 7	10.07	11.86	+2 + 9	13.41	19.82	+2 − 6	14.00	30.41	−3 − 6
12	5.54	9.11	0 +10	10.21	12.05	+3 + 6	13.48	20.14	0 − 9	13.97	30.76	−4 − 2
13	5.71	9.12	+1 +10	10.35	12.24	+3 + 1	13.54	20.46	−2 − 9	13.93	31.11	−4 + 2
14	5.88	9.13	+2 + 8	10.49	12.44	+2 − 3	13.60	20.78	−3 − 8	13.89	31.45	−3 + 5
15	6.05	9.15	+3 + 4	10.62	12.64	+1 − 7	13.66	21.11	−4 − 5	13.85	31.79	−2 + 8
16	6.21	9.17	+2 0	10.75	12.85	−1 − 9	13.72	21.44	−4 − 1	13.80	32.13	0 + 9
17	6.37	9.21	+2 − 5	10.88	13.06	−2 − 9	13.77	21.77	−3 + 3	13.75	32.47	+1 + 9
18	6.53	9.25	0 − 8	11.01	13.27	−3 − 7	13.82	22.10	−3 + 6	13.70	32.81	+2 + 7
19	6.69	9.29	−2 − 9	11.14	13.49	−4 − 3	13.86	22.43	−1 + 8	13.64	33.15	+3 + 4
20	6.85	9.34	−3 − 8	11.27	13.72	−4 + 1	13.90	22.76	0 + 9	13.58	33.48	+3 0
21	7.01	9.40	−4 − 5	11.39	13.95	−3 + 5	13.94	23.10	+1 + 8	13.52	33.81	+3 − 4
22	7.17	9.47	−4 − 2	11.51	14.19	−2 + 8	13.98	23.44	+3 + 6	13.45	34.14	+2 − 7
23	7.33	9.54	−4 + 2	11.63	14.43	−1 + 9	14.01	23.78	+3 + 2	13.38	34.47	+1 − 9
24	7.49	9.62	−3 + 6	11.75	14.68	+1 + 9	14.04	24.12	+3 − 1	13.31	34.80	0 −10
25	7.65	9.71	−2 + 8	11.86	14.93	+2 + 8	14.07	24.46	+3 − 5	13.24	35.12	−1 − 8
26	7.81	9.80	0 + 9	11.97	15.19	+3 + 5	14.09	24.81	+2 − 8	13.16	35.44	−2 − 5
27	7.97	9.89	+1 + 9	12.08	15.45	+3 + 1	14.11	25.16	+1 −10	13.08	35.76	−3 0
28	8.13	9.99	+2 + 7	12.19	15.71	+3 − 3	14.13	25.51	−1 − 9	13.00	36.08	−2 + 4
29	8.29	10.10	+3 + 3	12.29	15.98	+3 − 6	14.14	25.86	−2 − 7	12.91	36.39	−1 + 8
30	8.44	10.21	+3 − 1	12.39	16.25	+2 − 9	14.15	26.21	−3 − 3	12.82	36.70	0 +10
31	8.59	10.33	+3 − 5	12.49	16.53	0 −10	14.15	26.56	−2 + 1	12.73	37.01	+1 +10
32				12.59	16.81	−1 − 9				12.63	37.31	+2 + 7

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−82° 33′ 0″	7.712	−7.647	−82° 33′ 10″	7.715	−7.650	−82° 33′ 30″	7.721	−7.656
10	7.715	−7.650	20	7.718	−7.653	40	7.724	−7.659

$\alpha_{1935.0} = 5^h\ 6^m\ 11^s.99$ $\delta_{1935.0} = -82°\ 33'\ 37''.06$

Scheinbare Sternörter 1935

Obere Kulmination Greenwich

Sc) ζ Octantis $5^m.38$

Tag	Januar AR.	Januar Dekl.	Januar ☾ Glieder		Februar AR.	Februar Dekl.	Februar ☾ Glieder		März AR.	März Dekl.	März ☾ Glieder		April AR.	April Dekl.	April ☾ Glieder	
	$9^h 6^m$	−85° 24′	in 0.01^s	in $0.01''$	$9^h 6^m$	−85° 24′	in 0.01^s	in $0.01''$	$9^h 6^m$	−85° 24′	in 0.01^s	in $0.01''$	$9^h 6^m$	−85° 24′	in 0.01^s	in $0.01''$
1	$38^s.08$	$8''.91$	+6	+7	$39^s.87$	$20''.39$	+5	−7	$37^s.40$	$31''.31$	0	−8	$31^s.18$	$40''.71$	−7	+5
2	38.21	9.25	+8	+3	39.85	20.78	+2	−8	37.25	31.66	−4	−6	30.93	40.95	−5	+8
3	38.34	9.59	+8	−2	39.83	21.17	−2	−7	37.10	32.01	−7	−2	30.69	41.19	−3	+9
4	38.46	9.93	+7	−6	39.80	21.56	−6	−5	36.94	32.36	−8	+2	30.44	41.42	+1	+7
5	38.58	10.28	+4	−9	39.76	21.95	−8	−1	36.78	32.70	−7	+6	30.19	41.65	+4	+4
6	38.69	10.63	0	−9	39.72	22.34	−8	+4	36.61	33.04	−5	+8	29.94	41.87	+6	−1
7	38.80	10.98	−4	−7	39.68 / 39.63	22.73 / 23.12	−7 / −4	+7 / +8	36.44	33.38	−1	+8	29.68	42.09	+6	−5
8	38.90	11.34	−7	−3	39.58	23.50	0	+7	36.27	33.71	+2	+6	29.42	42.31	+5	−9
9	39.00	11.70	−8	+1	39.52	23.89	+3	+4	36.09	34.04	+4	+2	29.16	42.52	+3	−11
10	39.09	12.06	−8	+5	39.46	24.27	+5	0	35.91	34.37	+6	−3	28.90	42.73	0	−11
11	39.18	12.43	−6	+7	39.39	24.66	+6	−4	35.73	34.70	+6	−7	28.64	42.93	−2	−9
12	39.26	12.79	−2	+8	39.31	25.04	+5	−8	35.54	35.02	+4	−10	28.38	43.13	−5	−6
13	39.34	13.16	+1	+6	39.23	25.42	+4	−10	35.35	35.34	+2	−11	28.11	43.32	−6	−2
14	39.41	13.53	+4	+3	39.15	25.80	+1	−10	35.16	35.65	−1	−10	27.84	43.51	−7	+2
15	39.47	13.90	+6	−1	39.06	26.18	−1	−9	34.96	35.96	−3	−8	27.57	43.69	−6	+6
16	39.53	14.27	+6	−5	38.97	26.56	−4	−7	34.76	36.27	−5	−4	27.30	43.87	−4	+8
17	39.59	14.65	+5	−8	38.88	26.94	−6	−3	34.56	36.58	−6	−1	27.03	44.04	−2	+10
18	39.64	15.02	+3	−10	38.78	27.31	−6	+1	34.35	36.88	−6	+3	26.76	44.21	+1	+10
19	39.69	15.40	0	−10	38.67	27.68	−6	+5	34.14	37.18	−5	+7	26.48	44.37	+4	+8
20	39.73	15.78	−2	−8	38.56	28.05	−4	+8	33.93	37.47	−3	+9	26.21	44.53	+7	+5
21	39.77	16.16	−4	−5	38.45	28.42	−2	+10	33.71	37.76	0	+10	25.93	44.69	+8	0
22	39.81	16.54	−6	−1	38.34	28.79	+1	+11	33.50	38.05	+3	+9	25.66	44.84	+8	−4
23	39.84	16.92	−6	+3	38.22	29.16	+4	+9	33.28	38.33	+6	+7	25.38	44.98	+6	−7
24	39.86	17.30	−5	+7	38.09	29.52	+7	+6	33.06	38.61	+8	+3	25.10	45.12	+2	−8
25	39.88	17.69	−3	+9	37.96	29.89	+8	+2	32.83	38.89	+8	−1	24.82	45.25	−1	−7
26	39.89	18.07	−1	+11	37.83	30.25	+8	−2	32.60	39.16	+7	−5	24.54	45.38	−4	−5
27	39.90	18.46	+2	+11	37.69	30.61	+7	−6	32.37	39.43	+5	−7	24.26	45.50	−7	0
28	39.90	18.84	+5	+8	37.55	30.96	+3	−8	32.13	39.69	+1	−8	23.98	45.62	−7	+4
29	39.90	19.23	+8	+5	37.40	31.31	0	−8	31.90	39.95	−2	−6	23.70	45.73	−6	+7
30	39.90	19.62	+8	0					31.66	40.21	−6	−3	23.41	45.84	−4	+9
31	39.89	20.01	+8	−4					31.42	40.46	−7	+1	23.13	45.94	0	+8
32	39.87	20.39	+5	−7					31.18	40.71	−7	+5				

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−85° 24′ 0″	12.469	−12.429	−85° 24′ 20″	12.484	−12.444	−85° 24′ 40″	12.499	−12.459
10	12.477	−12.436	30	12.492	−12.451	50	12.507	−12.467

$\alpha_{1935.0} = 9^h\ 6^m\ 29^s.75$ $\delta_{1935.0} = -85°\ 24'\ 20''.00$

Scheinbare Sternörter 1935

Obere Kulmination Greenwich

Sc) ζ Octantis $5^{m}.38$

Tag	Mai				Juni				Juli				August			
	AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder	
	$9^{h}\ 6^{m}$	— 85° 24′	in $0^{s}.01$	in $0''.01$	$9^{h}\ 6^{m}$	— 85° 24′	in $0^{s}.01$	in $0''.01$	$9^{h}\ 6^{m}$	— 85° 24′	in $0^{s}.01$	in $0''.01$	$9^{h}\ 6^{m}$	— 85° 24′	in $0^{s}.01$	in $0''.01$
1	s 23.13	" 45.94	0	+ 8	s 14.53	" 46.47	+6	− 5	s 7.68	" 42.32	+1	−10	s 3.81	" 34.39	−6	0
2	22.85	46.04	+3	+ 6	14.26	46.40	+5	− 9	7.50	42.11	−2	− 9	3.75	34.10	−6	+ 4
3	22.56	46.13	+5	+ 1	14.00	46.33	+2	−10	7.32	41.90	−4	− 6	3.70	33.80	−5	+ 7
4	22.28	46.22	+6	− 3	13.75	46.25	0	−10	7.14	41.68	−6	− 2	3.65	33.50	−3	+ 9
5	22.00	46.30	+6	− 7	13.49	46.17	−3	− 8	6.97	41.46	−6	+ 1	3.61	33.21	0	+10
6	21.72	46.37	+4	−10	13.24	46.08	−5	− 5	6.80	41.24	−6	+ 5	3.57	32.91	+3	+ 9
7	21.43	46.44	+1	−11	12.99	45.99	−6	− 1	6.64	41.01	−4	+ 8	3.54	32.61	+6	+ 7
8	21.15	46.51	−1	−10	12.74	45.89	−6	+ 3	6.48	40.78	−2	+10	*)3.51	32.31	+8	+ 3
9	20.86	46.57	−4	− 7	12.49	45.78	−5	+ 6	6.32	40.55	+1	+10	3.49	32.01	+8	0
10	20.58	46.62	−6	− 4	12.24	45.67	−3	+ 9	6.16	40.31	+4	+ 9	3.47	31.71	+7	− 4
11	20.30	46.67	−6	0	12.00	45.56	−1	+10	6.01	40.07	+7	+ 5	3.46	31.41	+5	− 7
12	20.02	46.71	−6	+ 4	11.76	45.44	+2	+ 9	5.86	39.83	+8	+ 2	3.45	31.10	+1	− 8
13	19.73	46.75	−5	+ 7	11.52	45.32	+5	+ 7	5.72	39.58	+8	− 3	3.45	30.80	−2	− 6
14	19.45	46.78	−2	+ 9	11.28	45.19	+7	+ 4	5.58	39.33	+6	− 6	3.45	30.50	−5	− 3
15	19.17	46.81	0	+10	11.04	45.06	+8	0	5.44	39.08	+3	− 8	3.46	30.20	−7	+ 1
16	18.89	46.83	+3	+ 9	10.81	44.92	+7	− 4	5.31	38.82	−1	− 8	3.47	29.90	−7	+ 5
17	18.61	46.85	+6	+ 6	10.58	44.78	+5	− 7	5.19	38.56	−4	− 6	3.48	29.60	−6	+ 7
18	18.34	46.86	+7	+ 2	10.36	44.63	+2	− 9	5.07	38.30	−7	− 2	3.50	29.29	−3	+ 8
19	18.06	46.86	+8	− 2	10.14	44.48	−2	− 8	4.95	38.04	−8	+ 2	3.53	28.99	0	+ 7
20	17.78	46.86	+6	− 6	9.92	44.32	−5	− 5	4.83	37.77	−7	+ 6	3.56	28.69	+3	+ 3
21	17.50	46.86	+4	− 8	9.70	44.16	−7	0	4.72	37.50	−5	+ 8	3.59	28.38	+5	− 1
22	17.23	46.85	0	− 8	9.48	43.99	−8	+ 4	4.62	37.23	−1	+ 8	3.63	28.08	+6	− 5
23	16.95	46.83	−3	− 6	9.27	43.82	−6	+ 7	4.52	36.96	+2	+ 6	3.68	27.78	+5	− 9
24	16.68	46.81	−6	− 3	9.06	43.65	−3	+ 9	4.42	36.68	+5	+ 2	3.73	27.48	+3	−11
25	16.40	46.79	−7	+ 2	8.85	43.47	0	+ 8	4.33	36.40	+6	− 2	3.78	27.18	0	−11
26	16.12	46.76	−7	+ 6	8.65	43.29	+3	+ 5	4.24	36.12	+6	− 7	3.84	26.88	−3	− 9
27	15.85	46.73	−5	+ 8	8.45	43.10	+6	+ 1	4.16	35.84	+4	−10	3.90	26.59	−5	− 6
28	15.59	46.69	−2	+ 9	8.25	42.91	+6	− 4	4.08	35.55	+2	−11	3.97	26.30	−6	− 2
29	15.32	46.64	+2	+ 7	8.06	42.72	+6	− 8	4.01	35.26	−1	−10	4.04	26.00	−6	+ 2
30	15.05	46.59	+5	+ 3	7.87	42.52	+4	−10	3.94	34.97	−4	− 7	4.12	25.71	−6	+ 6
31	14.79	46.53	+6	− 1	7.68	42.32	+1	−10	3.87	34.68	−5	− 4	4.21	25.42	−4	+ 8
32	14.53	46.47	+6	− 5					3.81	34.39	−6	0	4.30	25.13	−1	+10

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−85° 24′ 20″	12.484	−12.444	−85° 24′ 30″	12.492	−12.451	−85° 24′ 40″	12.499	−12.459
30	12.492	−12.451	40	12.499	−12.459	50	12.507	−12.467

$\alpha_{1935.0} = 9^{h}\ 6^{m}\ 29^{s}.75$ $\delta_{1935.0} = -85°\ 24'\ 20''.00$

*) Tag der doppelten unteren Kulmination: Aug. 8.

Scheinbare Sternörter 1935

Obere Kulmination Greenwich

Sc) ζ Octantis $5^m.38$

Tag	September				Oktober				November				Dezember			
	AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder	
	$9^h 6^m$	$-85° 24'$	in $0^s.01$	in $0''.01$	$9^h 6^m$	$-85° 24'$	in $0^s.01$	in $0''.01$	$9^h 6^m$	$-85° 24'$	in $0^s.01$	in $0''.01$	$9^h 6^m$	$-85° 24'$	in $0^s.01$	in $0''.01$
1	$4^s.30$	$25''.13$	−1	+10	$8^s.95$	$17''.80$	+6	+6	$16^s.78$	$14''.77$	+5	−6	$24^s.85$	$17''.62$	−3	−5
2	4.39	24.84	+2	+9	9.17	17.62	+8	+2	17.06	14.77	+2	−7	25.09	17.81	−6	−1
3	4.49	24.55	+5	+8	9.39	17.44	+8	−1	17.33	14.78	−1	−6	25.33	18.01	−7	+3
4	4.59	24.27	+7	+5	9.61	17.27	+7	−5	17.61	14.80	−4	−3	25.57	18.21	−6	+7
5	4.70	23.99	+8	+1	9.84	17.10	+4	−7	17.89	14.82	−6	+1	25.81	18.42	−4	+9
6	4.81	23.71	+8	−3	10.07	16.94	+1	−7	18.17	14.85	−7	+5	26.05	18.64	−1	+9
7	4.92	23.43	+6	−6	10.30	16.78	−2	−5	18.45	14.88	−5	+8	26.28	18.86	+3	+7
8	5.04	23.16	+3	−7	10.54	16.63	−5	−2	18.73	14.92	−3	+9	26.51	19.09	+5	+3
9	5.16	22.89	−1	−7	10.78	16.48	−7	+2	19.01	14.96	0	+9	26.74	19.32	+6	−2
10	5.29	22.62	−4	−4	11.02	16.34	−6	+6	19.28	15.01	+4	+5	26.96	19.56	+6	−6
11	5.42	22.36	−6	0	11.26	16.21	−5	+9	19.56	15.07	+6	+1	27.18	19.80	+4	−9
12	5.56	22.10	−7	+4	11.50	16.08	−2	+9	19.84	15.14	+6	−4	27.40	20.05	+1	−11
13	5.70	21.84	−6	+7	11.75	15.96	+2	+7	20.11	15.21	+5	−8	27.61	20.30	−2	−10
14	5.85	21.58	−4	+8	12.00	15.84	+4	+3	20.39	15.29	+3	−10	27.82	20.55	−4	−8
15	6.00	21.33	−1	+8	12.25	15.73	+6	−2	20.66	15.38	0	−11	28.03	20.81	−6	−4
16	6.15	21.08	+2	+5	12.50	15.63	+6	−6	20.93	15.48	−3	−10	28.23	21.08	−7	0
17	6.31	20.83	+5	+1	12.76	15.53	+4	−10	21.21	15.58	−5	−7	28.43	21.35	−6	+4
18	6.47	20.59	+6	−4	13.01	15.43	+2	−11	21.48	15.68	−7	−3	28.63	21.63	−5	+6
19	6.64	20.35	+5	−8	13.27	15.34	−1	−11	21.75	15.79	−7	+1	28.82	21.91	−3	+8
20	6.81	20.12	+3	−11	13.53	15.26	−4	−9	22.02	15.91	−6	+5	29.01	22.20	0	+9
21	6.99	19.89	+1	−11	13.79	15.19	−6	−5	22.28	16.03	−4	+7	29.19	22.49	+3	+8
22	7.17	19.66	−2	−10	14.06	15.12	−7	−1	22.55	16.16	−2	+9	29.37	22.78	+5	+6
23	7.35	19.44	−5	−7	14.32	15.06	−7	+3	22.81	16.30	+1	+8	29.55	23.08	+7	+2
24	7.54	19.22	−6	−4	14.59	15.00	−6	+6	23.07	16.45	+4	+7	29.72	23.38	+8	−1
25	7.73	19.00	−7	0	14.86	14.95	−4	+8	23.33	16.60	+6	+4	29.89	23.69	+7	−5
26	7.93	18.79	−6	+4	15.13	14.91	−1	+9	23.59	16.75	+7	+1	30.05	24.00	+4	−7
27	8.13	18.58	−5	+7	15.41	14.87	+2	+8	23.85	16.91	+7	−3	30.21	24.32	+1	−8
28	8.33	18.38	−2	+9	15.68	14.84	+5	+6	24.10	17.08	+6	−6	30.36	24.64	−2	−6
29	8.53	18.18	0	+9	15.95	14.81	+7	+3	24.35	17.25	+3	−7	30.51	24.96	−5	−3
30	8.74	17.99	+3	+8	16.23	14.79	+8	0	24.60	17.43	0	−7	30.66	25.29	−7	+1
31	8.95	17.80	+6	+6	16.50	14.78	+7	−4	24.85	17.62	−3	−5	30.80	25.62	−7	+5
32					16.78	14.77	+5	−6					30.93	25.95	−5	+8

δ	sec δ	tg δ
−85° 24′ 10″	12.477	−12.436
20	12.484	−12.444

δ	sec δ	tg δ
−85° 24′ 20″	12.484	−12.444
30	12.492	−12.451

$\alpha_{1935.0} = 9^h\ 6^m\ 29^s.75$ $\delta_{1935.0} = -85°\ 24'\ 20''.00$

Scheinbare Sternörter 1935

Obere Kulmination Greenwich

Sd) ι Octantis $5^{m}.38$

Tag	Januar AR.	Januar Dekl.	Januar ☾ Glieder		Februar AR.	Februar Dekl.	Februar ☾ Glieder		März AR.	März Dekl.	März ☾ Glieder		April AR.	April Dekl.	April ☾ Glieder	
	$12^{h}47^{m}$	$-84°46'$	in $0^{s}.01$	in $0''.01$	$12^{h}48^{m}$	$-84°46'$	in $0^{s}.01$	in $0''.01$	$12^{h}48^{m}$	$-84°46'$	in $0^{s}.01$	in $0''.01$	$12^{h}48^{m}$	$-84°46'$	in $0^{s}.01$	in $0''.01$
	s	"			s	"			s	"			s	"		
1	54.38	1.72	−1	+12	2.18	7.03	+7	0	7.38	15.66	+7	−2	10.14	27.30	−4	−7
2	54.65	1.80	+2	+11	2.40	7.29	+6	−5	7.52	16.01	+5	−6	10.17	27.68	−7	−4
3	54.91	1.89	+5	+7	2.62	7.55	+4	−8	7.66	16.37	+1	−8	10.20	28.06	−8	0
4	55.18	1.99	+7	+2	2.84	7.81	0	−10	7.80	16.73	−2	−9	10.23 / 10.25	28.44 / 28.82	−7 / −4	+4 / +6
5	55.44	2.09	+7	−3	3.05	8.08	−3	−9	7.93	17.09	−5	−7	10.27	29.20	−1	+7
6	55.71	2.20	+6	−7	3.26	8.36	−6	−6	8.06	17.45	−7	−3	10.28	29.58	+3	+6
7	55.98	2.31	+2	−10	3.47	8.64	−7	−2	8.18	17.81	−7	+1	10.29	29.96	+6	+3
8	56.25	2.43	−1	−10	3.68	8.92	−7	+2	8.30	18.18	−5	+4	10.30	30.34	+8	−1
9	56.51	2.56	−4	−8	3.89	9.21	−4	+5	8.42	18.55	−2	+6	10.30	30.72	+8	−5
10	56.77	2.69	−7	−5	4.09	9.50	−1	+6	8.53	18.92	+1	+6	10.30	31.10	+7	−8
11	57.03	2.83	−7	−1	4.29	9.79	+3	+6	8.64	19.29	+5	+4	10.30	31.48	+5	−9
12	57.29	2.98	−6	+4	4.49	10.09	+6	+3	8.75	19.66	+7	+1	10.29	31.86	+1	−9
13	57.55	3.13	−3	+6	4.68	10.39	+8	0	8.85	20.03	+8	−2	10.28	32.23	−2	−8
14	57.81	3.28	0	+6	4.87	10.69	+8	−3	8.95	20.40	+8	−6	10.27	32.60	−4	−6
15	58.07	3.44	+4	+5	5.06	11.00	+7	−6	9.05	20.78	+6	−8	10.25	32.97	−6	−2
16	58.32	3.61	+7	+3	5.25	11.31	+5	−8	9.14	21.16	+3	−9	10.23	33.34	−7	+2
17	58.58	3.79	+8	−1	5.43	11.63	+2	−9	9.23	21.54	0	−9	10.21	33.71	−7	+5
18	58.83	3.97	+8	−4	5.61	11.95	−1	−8	9.32	21.92	−3	−7	10.18	34.08	−5	+9
19	59.08	4.15	+6	−7	5.79	12.27	−4	−6	9.40	22.30	−5	−4	10.15	34.45	−3	+11
20	59.33	4.34	+4	−8	5.96	12.60	−6	−3	9.48	22.68	−7	−1	10.11	34.81	0	+11
21	59.58	4.54	+1	−8	6.13	12.93	−8	+1	9.55	23.06	−7	+3	10.07	35.17	+4	+9
22	59.83	4.74	−2	−7	6.30	13.26	−7	+5	9.62	23.44	−7	+7	10.03	35.53	+6	+5
23	60.07	4.94	−5	−4	6.46	13.59	−6	+9	9.69	23.82	−5	+10	9.99	35.89	+7	+1
24	60.31	5.15	−7	−1	6.62	13.93	−4	+11	9.76	24.20	−2	+11	9.94	36.25	+6	−3
25	60.55	5.37	−8	+3	6.78	14.27	−1	+12	9.82	24.58	+2	+11	9.89	36.60	+4	−7
26	60.79	5.59	−8	+7	6.94	14.61	+3	+11	9.88	24.97	+5	+8	9.84	36.95	0	−8
27	61.03	5.82	−6	+10	7.09	14.96	+6	+7	9.93	25.36	+7	+4	9.78	37.30	−3	−8
28	61.27	6.05	−3	+12	7.24	15.31	+7	+3	9.98	25.75	+7	0	9.72	37.65	−6	−5
29	61.50	6.29	+1	+12	7.38	15.66	+7	−2	10.03	26.14	+5	−4	9.66	37.99	−8	−1
30	61.73	6.53	+4	+9					10.07	26.53	+3	−7	9.59	38.33	−7	+3
31	61.96	6.78	+6	+5					10.11	26.92	−1	−8	9.52	38.67	−5	+6
32	62.18	7.03	+7	0					10.14	27.30	−4	−7				

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−84° 46′ 0″	10.963	−10.918	−84° 46′ 10″	10.969	−10.924	−84° 46′ 30″	10.981	−10.935
10	10.969	−10.924	20	10.975	−10.929	40	10.987	−10.941

$\alpha_{1935.0} = 12^{h}\ 47^{m}\ 56^{s}.48$ $\delta_{1935.0} = -84°\ 46'\ 15''.22$

Scheinbare Sternörter 1935

Obere Kulmination Greenwich

Sd) ι Octantis $5^m.38$

Tag	Mai AR.	Mai Dekl.	Mai ☾ Glieder		Juni AR.	Juni Dekl.	Juni ☾ Glieder		Juli AR.	Juli Dekl.	Juli ☾ Glieder		August AR.	August Dekl.	August ☾ Glieder	
	$12^h 48^m$	−84° 46′	in 0.01ˢ	in 0.01″	$12^h 48^m$	−84° 46′	in 0.01ˢ	in 0.01″	$12^h 47^m$	−84° 46′	in 0.01ˢ	in 0.01″	$12^h 47^m$	−84° 46′	in 0.01ˢ	in 0.01″
1	9.52	38.67	−5	+6	5.84	47.56	+7	+3	60.29	52.06	+7	−7	53.89	51.50	−3	−7
2	9.44	39.01	−2	+7	5.68	47.78	+8	−1	60.08	52.13	+5	−9	53.69	51.39	−5	−4
3	9.36	39.34	+2	+7	5.52	48.00	+8	−5	59.87	52.19	+2	−9	53.50	51.28	−7	0
4	9.28	39.67	+5	+4	5.36	48.21	+6	−8	59.66	52.24	−1	−8	53.31	51.16	−7	+4
5	9.20	40.00	+7	+1	5.19	48.42	+4	−9	59.45	52.29	−4	−6	53.12	51.04	−6	+8
6	9.11	40.33	+8	−3	5.02	48.62	0	−9	59.24	52.34	−6	−3	52.93	50.91	−4	+10
7	9.02	40.65	+7	−7	4.85	48.82	−3	−7	59.03	52.38	−7	+1	52.74	50.77	−2	+12
8	8.93	40.97	+5	−9	4.68	49.02	−5	−5	58.82	52.41	−7	+5	52.55	50.63	+1	+11
9	8.83	41.29	+3	−9	4.51	49.21	−7	−1	58.61	52.44	−6	+9	52.37	50.49	+4	+9
10	8.73	41.60	0	−9	4.33	49.39	−7	+3	58.40	52.46	−3	+11	52.19	50.34	+6	+5
11	8.63	41.91	−3	−7	4.15	49.57	−7	+6	58.19	52.48	0	+11	52.01	50.18	+6	0
12	8.52	42.22	−6	−4	3.97	49.75	−5	+9	57.98	52.49	+3	+10	51.83	50.02	+5	−4
13	8.41	42.52	−7	0	3.79	49.92	−2	+11	57.77	52.49	+5	+7	51.65	49.86	+3	−7
14	8.30	42.82	−7	+4	3.61	50.08	+1	+10	57.57	52.49	+7	+2	51.47	49.69	−1	−8
15	8.19	43.11	−6	+8	3.43	50.24	+4	+8	57.36	52.48	+7	−2	51.30	49.51	−4	−7
16	8.07	43.41	−4	+10	3.24	50.39	+6	+4	57.15	52.47	+5	−6	51.13	49.33	−7	−5
17	7.95	43.70	−1	+11	3.05	50.54	+7	0	56.94	52.46	+2	−9	50.96	49.15	−7	−1
18	7.83	43.99	+2	+10	2.86	50.68	+6	−5	56.73	52.43	−2	−9	50.80	48.96	−6	+3
19	7.71	44.27	+5	+7	2.67	50.82	+4	−8	56.52	52.40	−5	−7	50.64	48.77	−4	+6
20	7.58	44.55	+7	+2	2.48	50.95	0	−9	56.31	52.37	−7	−3	50.48	48.57	0	+6
21	7.45	44.82	+7	−2	2.29	51.08	−3	−8	56.10	52.33	−7	+1	50.32	48.37	+4	+5
22	7.32	45.09	+5	−6	2.09	51.20	−6	−5	55.90	52.28	−5	+4	50.17	48.17	+7	+2
23	7.18	45.35	+2	−9	1.89	51.32	−7	−1	55.70	52.23	−2	+6	50.02	47.96	+8	−1
24	7.04	45.61	−1	−9	1.69	51.43	−7	+3	55.50	52.17	+1	+6	49.87	47.74	+8	−5
25	6.90	45.87	−5	−7	1.49	51.54	−5	+6	55.29	52.10	+5	+5	49.72	47.52	+7	−8
26	6.76	46.12	−7	−3	1.29	51.64	−1	+7	55.09	52.03	+7	+2	49.58	47.30	+4	−10
27	6.61	46.37	−8	+1	1.09	51.73	+3	+7	54.89	51.96	+8	−2	49.44	47.07	+1	−10
28	6.46	46.62	−6	+5	0.89	51.82	+6	+4	54.69	51.88	+8	−6	49.30	46.84	−2	−8
29	6.31	46.86	−3	+7	0.69	51.91	+8	+1	54.49	51.79	+6	−8	49.17	46.61	−5	−5
30	6.16	47.10	0	+7	0.49	51.99	+8	−3	54.29	51.70	+3	−9	49.04	46.37	−6	−2
31	6.00	47.33	+4	+6	0.29	52.06	+7	−7	54.09	51.60	0	−9	48.91	46.13	−7	+2
32	5.84	47.56	+7	+3					53.89	51.50	−3	−7	48.79	45.89	−7	+6

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−84° 46′ 30″	10.981	−10.935	−84° 46′ 40″	10.987	−10.941	−84° 46′ 50″	10.993	−10.947
40	10.987	−10.941	50	10.993	−10.947	60	10.998	−10.953

$\alpha_{1935.0} = 12^h\ 47^m\ 56^s.48$ $\delta_{1935.0} = -84°\ 46'\ 15''.22$

Scheinbare Sternörter 1935

Obere Kulmination Greenwich

Sd) ι Octantis $5^m.38$

Tag	September				Oktober				November				Dezember			
	AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder	
	$12^h 47^m$	$-84° 46'$	in $0^s.01$	in $0''.01$	$12^h 47^m$	$-84° 46'$	in $0^s.01$	in $0''.01$	$12^h 47^m$	$-84° 46'$	in $0^s.01$	in $0''.01$	$12^h 47^m$	$-84° 46'$	in $0^s.01$	in $0''.01$
1	$48^s.79$	$45''.89$	−7	+6	$46^s.83$	$37''.29$	−1	+11	$48^s.96$	$28''.15$	+6	+1	$54^s.71$	$22''.27$	+1	−7
2	48.67	45.64	−5	+9	46.83	36.98	+2	+10	49.10	27.89	+5	−3	54.95	22.16	−2	−7
3	48.55	45.38	−3	+11	46.84	36.67	+5	+7	49.25	27.63	+3	−6	55.19	22.05	−5	−5
4	48.43	45.12	0	+11	*)46.85	36.36	+6	+4	49.40	27.38	0	−7	55.43	21.94	−7	−2
5	48.32	44.86	+3	+10	46.86	36.05	+6	0	49.55	27.13	−4	−6	55.67	21.85	−8	+2
6	48.21	44.60	+5	+7	46.88	35.74	+4	−4	49.70	26.88	−7	−4	55.92	21.76	−6	+6
7	48.11	44.33	+6	+2	46.90	35.43	+2	−6	49.86	26.64	−8	0	56.17	21.67	−3	+8
8	48.01	44.06	+6	−2	46.93	35.12	−2	−7	50.02	26.40	−7	+4	56.42	21.59	+1	+8
9	47.91	43.79	+4	−5	46.96	34.81	−5	−5	50.19	26.17	−5	+7	56.67	21.52	+4	+6
10	47.82	43.52	+1	−7	47.00	34.50	−7	−3	50.36	25.94	−2	+8	56.92	21.45	+7	+2
11	47.73	43.24	−3	−7	47.04	34.19	−8	+1	50.53	25.72	+2	+7	57.18	21.39	+8	−2
12	47.65	42.96	−6	−5	47.09	33.89	−6	+5	50.71	25.50	+6	+4	57.44	21.34	+8	−6
13	47.57	42.67	−7	−2	47.14	33.58	−4	+7	50.89	25.28	+8	0	57.70	21.29	+5	−9
14	47.49	42.38	−7	+2	47.20	33.28	0	+7	51.08	25.07	+8	−4	57.96	21.25	+3	−10
15	47.42	42.09	−5	+5	47.26	32.98	+4	+5	51.27	24.86	+7	−8	58.22	21.22	0	−10
16	47.35	41.80	−2	+6	47.32	32.68	+7	+2	51.46	24.66	+5	−10	58.48	21.19	−3	−8
17	47.29	41.51	+2	+6	47.39	32.38	+8	−2	51.66	24.46	+2	−10	58.74	21.17	−5	−4
18	47.23	41.22	+6	+4	47.46	32.08	+8	−6	51.86	24.27	−1	−9	59.00	21.15	−6	−1
19	47.17	40.93	+8	0	47.54	31.78	+6	−9	52.06	24.09	−4	−7	59.26	21.14	−7	+3
20	47.12	40.64	+8	−4	47.62	31.49	+4	−10	52.26	23.91	−6	−3	59.53	21.14	−6	+7
21	47.07	40.34	+7	−7	47.71	31.20	0	−10	52.47	23.73	−7	+1	59.80	21.14	−4	+9
22	47.03	40.04	+5	−10	47.80	30.91	−3	−8	52.68	23.56	−6	+5	60.07	21.15	−1	+10
23	46.99	39.74	+2	−10	47.90	30.62	−5	−5	52.90	23.39	−5	+8	60.34	21.16	+2	+9
24	46.96	39.44	−1	−9	48.00	30.33	−6	−2	53.12	23.23	−3	+9	60.61	21.18	+4	+7
25	46.93	39.14	−4	−7	48.10	30.05	−7	+2	53.34	23.08	0	+10	60.88	21.21	+6	+4
26	46.90	38.84	−6	−4	48.21	29.77	−6	+6	53.56	22.93	+3	+9	61.15	21.25	+6	0
27	46.88	38.53	−7	0	48.32	29.49	−4	+9	53.79	22.78	+5	+6	61.42	21.29	+5	−4
28	46.86	38.22	−7	+4	48.44	29.21	−2	+10	54.02	22.64	+6	+2	61.69	21.34	+3	−7
29	46.85	37.91	−6	+8	48.56	28.94	+1	+10	54.25	22.51	+6	−2	61.96	21.39	0	−8
30	46.84	37.60	−3	+10	48.69	28.67	+4	+8	54.48	22.39	+4	−5	62.22	21.45	−4	−7
31	46.83	37.29	−1	+11	48.82	28.41	+6	+5	54.71	22.27	+1	−7	62.48	21.52	−7	−4
32					48.96	28.15	+6	+1					62.75	21.59	−7	0

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−84° 46′ 20″	10.975	−10.929	−84° 46′ 30″	10.981	−10.935	−84° 46′ 40″	10.987	−10.941
30	10.981	−10.935	40	10.987	−10.941	50	10.993	−10.947

$\alpha_{1935.0} = 12^h\ 47^m\ 56^s.48$ $\qquad$ $\delta_{1935.0} = -84°\ 46'\ 15''.22$

*) Tag der doppelten unteren Kulmination: Okt. 4.

Scheinbare Sternörter 1935

Obere Kulmination Greenwich

Se) Octantis 20 G. $6^m.52$

Tag	Januar				Februar				März				April			
	AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder	
	$14^h 53^m$	−87° 53′	in $0^s.01$	in $0''.01$	$14^h 54^m$	−87° 53′	in $0^s.01$	in $0''.01$	$14^h 54^m$	−87° 53′	in $0^s.01$	in $0''.01$	$14^h 54^m$	−87° 53′	in $0^s.01$	in $0''.01$
1	$57^s.57$	$7''.81$	−11	+11	$18^s.30$	$6''.87$	+15	+5	$36^s.97$	$10''.61$	+15	+2	$53^s.56$	$18''.70$	−4	−10
2	58.19	7.69	−3	+12	18.99	6.93	+16	0	37.59	10.82	+14	−3	53.99	19.01	−12	−8
3	58.81	7.58	+6	+10	19.68	7.00	+14	−6	38.21	11.03	+9	−7	54.41	19.32	−16	−5
4	59.44	7.48	+13	+7	20.37	7.07	+7	−9	38.82	11.24	+1	−10	54.82	19.64	−16	−1
5	60.07	7.38	+17	+2	21.06	7.15	−1	−11	39.43	11.45	−6	−10	55.23	19.96	−12	+3
6	60.71	7.29	+17	−3	21.75	7.24	−8	−10	40.03	11.67	−13	−8	55.63	20.28	−5	+6
7	61.35	7.20	+12	−8	22.44	7.33	−14	−7	40.63	11.90	−16	−4	56.02	20.60	+3	+8
8	62.00	7.12	+5	−11	23.13	7.42	−15	−3	41.22	12.13	−14	0	56.41	20.92	+11	+7
9	62.65	7.04	−3	−11	23.81	7.52	−12	+2	41.81	12.36	−9	+4	56.78	21.25	+18	+4
10	63.30	6.97	−11	−9	24.49	7.63	−6	+6	42.39	12.60	−1	+7	57.14	21.58	+21	+1
11	63.96	6.90	−15	−5	25.17	7.74	+2	+7	42.96	12.84	+7	+7	57.49	21.91	+20	−3
12	64.62	6.84	−15	0	25.85	7.86	+10	+7	43.53	13.09	+15	+6	57.84	22.24	+16	−6
13	65.28	6.79	−11	+4	26.53	7.98	+16	+5	44.09	13.34	+19	+3	58.18	22.57	+10	−8
14	65.95	6.74	−4	+7	27.21	8.11	+20	+2	44.65	13.59	+20	0	58.51	22.90	+2	−9
15	66.62	6.70	+5	+8	27.88	8.24	+20	−1	45.20	13.85	+19	−4	58.83	23.24	−5	−8
16	67.29	6.66	+12	+7	28.55	8.38	+17	−5	45.74	14.11	+14	−7	59.15	23.58	−12	−6
17	67.96	6.63	+17	+4	29.22	8.52	+11	−7	46.28	14.37	+7	−8	59.46	23.92	−17	−3
18	68.64	6.61	+19	+1	29.89	8.67	+4	−8	46.81	14.64	−1	−9	59.76	24.26	−19	+1
19	69.33	6.59	+18	−2	30.55	8.82	−4	−8	47.34	14.91	−8	−8	60.05	24.60	−18	+5
20	70.01	6.58	+14	−6	31.21	8.98	−11	−7	47.86	15.19	−15	−5	60.33	24.94	−14	+8
21	70.69	6.57	+8	−8	31.87	9.14	−17	−4	48.37	15.47	−18	−1	60.60	25.29	−7	+11
22	71.38	6.57	0	−8	32.52	9.31	−20	0	48.88	15.75	−19	+2	60.86	25.63	+1	+11
23	72.07	6.57	−7	−7	33.17	9.48	−20	+5	49.38	16.03	−17	+7	61.11	25.97	+8	+9
24	72.75	6.58	−14	−5	33.81	9.66	−17	+8	49.87	16.31	−12	+10	61.36	26.32	+14	+5
25	73.44	6.60	−19	−2	34.45	9.84	−10	+11	50.36	16.60	−5	+11	61.59	26.67	+15	+1
26	74.14	6.62	−21	+2	35.09	10.03	−2	+12	50.84	16.89	+3	+11	61.82	27.02	+13	−4
27	74.83	6.65	−20	+6	35.72	10.22	+6	+10	51.31	17.19	+10	+8	62.04	27.37	+7	−8
28	75.52	6.68	−15	+10	36.35	10.41	+12	+7	51.78	17.49	+15	+4	62.25	27.72	−1	−10
29	76.22	6.72	−7	+12	36.97	10.61	+15	+2	52.24	17.79	+15	−1	62.45	28.07	−9	−9
30	76.91	6.76	+2	+12					52.69	18.09	+11	−6	62.64	28.42	−15	−6
31	77.60	6.81	+10	+9					53.13	18.39	+4	−9	62.82	28.77	−17	−2
32	78.30	6.87	+15	+5					53.56	18.70	−4	−10				

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−87° 53′ 0″	27.075	−27.057	−87° 53′ 10″	27.111	−27.092	−87° 53′ 20″	27.146	−27.128
10	27.111	−27.092	20	27.146	−27.128	30	27.182	−27.164

$\alpha_{1935.0} = 14^h\ 54^m\ 15^s.94$ $\delta_{1935.0} = -87°\ 53'\ 17''.29$

Se) Octantis 20 G. $6^{m}.52$

Tag	Mai AR.	Mai Dekl.	Mai ☾ Glieder	Juni AR.	Juni Dekl.	Juni ☾ Glieder	Juli AR.	Juli Dekl.	Juli ☾ Glieder	August AR.	August Dekl.	August ☾ Glieder
	$14^{h}55^{m}$	—87° 53′	in $0.^{s}01$ $0.''01$	$14^{h}54^{m}$	—87° 53′	in $0.^{s}01$ $0.''01$	$14^{h}54^{m}$	—87° 53′	in $0.^{s}01$ $0.''01$	$14^{h}54^{m}$	—87° 53′	in $0.^{s}01$ $0.''01$
1	$2.^{s}82$	$28.''77$	−17 − 2	$63.^{s}70$	$39.''68$	+12 + 7	$56.^{s}22$	$47.''92$	+20 − 2	$42.^{s}17$	$52.''40$	− 2 − 9
2	2.99	29.12	−15 + 2	63.57	40.00	+18 + 4	55.85	48.14	+16 − 6	41.65	52.46	−10 − 7
3	3.15	29.47	− 9 + 6	63.44	40.32	+20 0	55.47	48.35	+10 − 8	41.13	52.51	−15 − 5
4	3.31	29.82	− 1 + 8	63.30	40.63	+19 − 3	55.09	48.56	+ 3 − 9	40.61	52.56	−18 − 1
5	3.45	30.17	+ 8 + 8	63.15	40.94	+14 − 6	54.70	48.77	− 5 − 8	40.08	52.60	−19 + 3
6	{ 3.59 { 3.71	30.52 30.87	+15 + 6 } +19 + 3 }	62.99	41.25	+ 8 − 8	54.30	48.97	−11 − 6	39.56	52.64	−17 + 7
7	3.82	31.22	+20 − 1	62.82	41.56	0 − 9	53.90	49.16	−17 − 3	39.03	52.67	−12 +10
8	3.93	31.57	+18 − 5	62.64	41.86	− 7 − 8	53.49	49.35	−19 + 1	38.50	52.69	− 5 +11
9	4.03	31.92	+12 − 7	62.45	42.16	−14 − 5	53.07	49.54	−19 + 5	37.98	52.71	+ 3 +11
10	4.12	32.27	+ 5 − 8	62.26	42.46	−18 − 2	52.65	49.72	−15 + 8	37.45	52.72	+ 9 + 8
11	4.20	32.62	− 2 − 9	62.06	42.75	−19 + 2	52.22	49.89	− 9 +11	36.92	52.73	+13 + 4
12	4.27	32.97	− 9 − 7	61.85	43.04	−17 + 6	51.79	50.06	− 1 +11	36.39	52.73	+14 − 1
13	4.33	33.31	−15 − 4	61.62	43.33	−13 + 9	51.35	50.23	+ 7 +10	35.85	52.72	+11 − 5
14	4.38	33.66	−18 − 1	61.38	43.62	− 5 +11	50.91	50.39	+13 + 6	35.32	52.71	+ 5 − 9
15	4.43	34.01	−18 + 3	61.14	43.90	+ 3 +11	50.46	50.55	+16 + 2	34.78	52.69	− 3 −10
16	4.46	34.36	−15 + 7	60.89	44.18	+10 + 8	50.01	50.70	+15 − 3	34.25	52.67	−10 − 9
17	4.48	34.70	− 9 +10	60.63	44.45	+15 + 4	49.55	50.84	+10 − 8	33.72	52.64	−14 − 5
18	4.49	35.04	− 2 +11	60.37	44.72	+16 − 1	49.08	50.98	+ 2 −10	33.19	52.61	−15 − 1
19	4.50	35.38	+ 6 +10	60.10	44.99	+13 − 5	48.61	51.12	− 6 −10	32.66	52.57	−12 + 3
20	4.49	35.72	+12 + 7	59.82	45.26	+ 7 − 9	48.14	51.25	−13 − 8	32.13	52.52	− 5 + 6
21	4.48	36.06	+16 + 2	59.53	45.52	− 1 −10	47.67	51.37	−16 − 4	31.60	52.47	+ 4 + 7
22	4.45	36.39	+15 − 3	59.23	45.78	− 9 − 9	47.19	51.49	−15 + 1	31.08	52.41	+12 + 7
23	4.42	36.73	+11 − 7	58.92	46.03	−15 − 6	46.70	51.61	−10 + 5	30.55	52.35	+18 + 4
24	4.38	37.07	+ 3 − 9	58.61	46.28	−16 − 2	46.21	51.72	− 2 + 7	30.02	52.28	+21 + 1
25	4.33	37.40	− 5 −10	58.29	46.53	−14 + 3	45.72	51.83	+ 7 + 8	29.50	52.21	+20 − 3
26	4.27	37.73	−13 − 8	57.96	46.77	− 7 + 6	45.22	51.93	+14 + 6	28.98	52.13	+16 − 6
27	4.20	38.06	−17 − 4	57.62	47.01	+ 1 + 8	44.72	52.02	+19 + 3	28.47	52.04	+ 9 − 9
28	4.12	38.39	−17 0	57.28	47.24	+ 9 + 8	44.21	52.11	+20 − 1	27.96	51.95	+ 2 − 9
29	4.03	38.71	−12 + 5	56.93	47.47	+16 + 6	43.70	52.19	+18 − 4	27.45	51.85	− 6 − 8
30	3.93	39.04	− 5 + 7	56.58	47.70	+20 + 2	43.19	52.26	+13 − 7	26.94	51.75	−12 − 6
31	3.82	39.36	+ 4 + 8	56.22	47.92	+20 − 2	42.68	52.33	+ 6 − 9	26.43	51.64	−17 − 3
32	3.70	39.68	+12 + 7				42.17	52.40	− 2 − 9	25.93	51.53	−19 + 1

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−87° 53′ 20″	27.146	−27.128	−87° 53′ 30″	27.182	−27.164	−87° 53′ 50″	27.254	−27.235
30	27.182	−27.164	40	27.218	−27.199	60	27.290	−27.271

$\alpha_{1935.0} = 14^{h}\ 54^{m}\ 15.^{s}94$ $\delta_{1935.0} = -87^{\circ}\ 53'\ 17.''29$

Scheinbare Sternörter 1935

Obere Kulmination Greenwich

Se) Octantis 20 G. $6^m_.52$

Tag	September AR. $14^h 54^m$	September Dekl. $-87° 53'$	September ☾ Glieder in $0^s.01$	September ☾ Glieder in $0''.01$	Oktober AR. $14^h 54^m$	Oktober Dekl. $-87° 53'$	Oktober ☾ Glieder in $0^s.01$	Oktober ☾ Glieder in $0''.01$
	s	"			s	"		
1	25.93	51.53	−19	+ 1	13.41	45.73	−10	+10
2	25.43	51.41	−18	+ 5	13.10	45.47	− 3	+11
3	24.94	51.28	−14	+ 9	12.81	45.20	+ 4	+10
4	24.45	51.15	− 8	+11	12.53	44.93	+10	+ 8
5	23.96	51.01	0	+11	12.25	44.66	+13	+ 4
6	23.48	50.87	+ 7	+10	11.98	44.39	+13	− 1
7	23.00	50.72	+12	+ 6	11.73	44.11	+ 8	− 5
8	22.53	50.57	+14	+ 2	11.48	43.83	+ 1	− 8
9	22.06	50.41	+12	− 3	11.25	43.55	− 6	− 9
10	21.60	50.25	+ 6	− 7	11.03	43.26	−13	− 7
11	21.14	50.08	− 1	− 9	10.81	42.97	−17	− 4
12	20.69	49.91	− 9	− 9	10.60	42.68	−17	+ 1
13	20.24	49.73	−14	− 6	10.40	42.39	−12	+ 4
14	19.80	49.55	−16	− 2	10.22	42.09	− 4	+ 7
15	19.37	49.36	−14	+ 2	10.05	41.79	+ 5	+ 8
16	18.94	49.17	− 8	+ 5	9.88	41.49	+14	+ 7
17	18.52	48.97	0	+ 7	9.73	41.18	+19	+ 3
18	18.11	48.77	+ 9	+ 7	9.59	40.88	+22	− 1
19	17.70	48.56	+17	+ 5	9.46	40.57	+20	− 4
20	17.30	48.35	+21	+ 2	9.34	40.26	+15	− 8
21	16.91	48.13	+21	− 2	9.23	39.95	+ 8	−10
22	16.52	47.91	+18	− 6	9.13	39.64	+ 1	−10
23	16.14	47.69	+12	− 8	9.04	39.33	− 7	− 8
24	15.76	47.46	+ 5	− 9	8.97	39.02	−12	− 6
25	15.40	47.23	− 2	− 9	8.90	38.70	−16	− 2
26	15.05	46.99	−10	− 7	8.85	38.39	−17	+ 2
27	14.71	46.75	−14	− 4	8.81	38.07	−15	+ 6
28	14.37	46.50	−17	0	8.78	37.76	−11	+ 9
29	14.04	46.25	−17	+ 4	8.76	37.44	− 5	+10
30	13.72	45.99	−15	+ 7	8.76	37.12	+ 2	+10
31	13.41	45.73	−10	+10	8.76	36.80	+ 9	+ 8
32					8.78	36.48	+13	+ 5

Tag	November AR. $14^h 54^m$	November Dekl. $-87° 53'$	November ☾ Glieder in $0^s.01$	November ☾ Glieder in $0''.01$	Dezember AR. $14^h 54^m$	Dezember Dekl. $-87° 53'$	Dezember ☾ Glieder in $0^s.01$	Dezember ☾ Glieder in $0''.01$
	s	"			s	"		
1	8.78	36.48	+13	+ 5	14.72	27.41	+ 8	− 7
2	8.82	36.15	+14	0	15.09	27.14	+ 1	− 9
3	8.86	35.83	+11	− 4	15.47	26.88	− 7	− 9
4	8.91	35.51	+ 5	− 7	15.86	26.62	−14	− 6
5	*)8.97	35.19	− 3	− 9	16.25	26.37	−17	− 3
6	9.05	34.88	−11	− 8	16.66	26.12	−17	+ 2
7	9.14	34.56	−16	− 5	17.08	25.87	−12	+ 6
8	9.24	34.24	−18	− 1	17.51	25.63	− 4	+ 8
9	9.35	33.93	−15	+ 3	17.95	25.39	+ 5	+ 8
10	9.48	33.61	− 8	+ 7	18.40	25.15	+13	+ 7
11	9.61	33.30	+ 1	+ 8	18.85	24.92	+19	+ 3
12	9.76	32.98	+10	+ 7	19.32	24.69	+21	− 1
13	9.92	32.67	+17	+ 4	19.79	24.47	+18	− 5
14	10.09	32.36	+21	+ 1	20.27	24.25	+13	− 8
15	10.27	32.05	+21	− 3	20.76	24.04	+ 6	−10
16	10.47	31.75	+17	− 7	21.26	23.83	− 1	− 9
17	10.67	31.44	+11	− 9	21.77	23.63	− 8	− 8
18	10.89	31.14	+ 4	−10	22.29	23.43	−13	− 5
19	11.12	30.84	− 4	− 9	22.81	23.23	−16	− 1
20	11.36	30.54	−11	− 7	23.34	23.04	−17	+ 3
21	11.61	30.24	−15	− 4	23.88	22.85	−14	+ 6
22	11.88	29.95	−17	0	24.43	22.67	−10	+ 9
23	12.15	29.66	−16	+ 4	24.98	22.50	− 3	+10
24	12.43	29.37	−13	+ 7	25.54	22.33	+ 4	+10
25	12.73	29.08	− 7	+10	26.11	22.17	+10	+ 7
26	13.03	28.79	0	+10	26.68	22.01	+14	+ 4
27	13.35	28.51	+ 7	+ 9	27.26	21.85	+14	− 1
28	13.68	28.23	+12	+ 6	27.84	21.70	+11	− 5
29	14.01	27.95	+15	+ 2	28.43	21.56	+ 5	− 8
30	14.36	27.68	+13	− 3	29.03	21.42	− 4	− 9
31	14.72	27.41	+ 8	− 7	29.64	21.29	−11	− 8
32					30.25	21.16	−16	− 5

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−87° 53′ 20″	27.146	−27.128	−87° 53′ 30″	27.182	−27.164	−87° 53′ 50″	27.254	−27.235
30	27.182	−27.164	40	27.218	−27.199	60	27.290	−27.271

$\alpha_{1935.0} = 14^h\ 54^m\ 15^s.94$ $\delta_{1935.0} = -87°\ 53'\ 17''.29$

*) Tag der doppelten unteren Kulmination: Nov. 5.

Scheinbare Sternörter 1935

Obere Kulmination Greenwich

Sf) Octantis 26 G. $6^{m}.13$

Tag	Januar				Februar				März				April			
	AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder	
	$16^{h}36^{m}$	−86° 15′	in $0^{s}.01$	in $0''.01$	$16^{h}36^{m}$	−86° 15′	in $0^{s}.01$	in $0''.01$	$16^{h}36^{m}$	−86° 15′	in $0^{s}.01$	in $0''.01$	$16^{h}36^{m}$	−86° 15′	in $0^{s}.01$	in $0''.01$
1	$2^{s}.46$	$7''.94$	−11	+8	$12^{s}.71$	$2''.37$	+6	+7	$23^{s}.95$	$1''.43$	+7	+5	$36^{s}.03$	$4''.85$	+2	−10
2	2.73	7.69	−7	+10	13.09	2.27	+9	+3	24.35	1.47	+9	0	36.39	5.03	−2	−10
3	3.00	7.45	−2	+11	13.48	2.17	+10	−3	24.76	1.52	+8	−5	36.75	5.21	−6	−8
4	3.28	7.21	+4	+9	13.87	2.08	+8	−7	25.17	1.57	+5	−9	37.10	5.40	−9	−4
5	3.56	6.98	+8	+5	14.26	1.99	+5	−10	25.58	1.62	+1	−11	37.45	5.59	−8	+1
6	3.85	6.75	+11	0	14.65	1.91	0	−11	25.98	1.68	−3	−10	37.79	5.79	−6	+5
7	4.14	6.52	+11	−5	15.05	1.83	−4	−9	26.39	1.75	−7	−7	38.13	5.99	−2	+8
8	4.44	6.30	+8	−9	15.44	1.76	−7	−5	26.80	1.82	−8	−2	38.47	6.19	+3	+9
9	4.74	6.09	+3	−11	15.84	1.69	−8	−1	27.20	1.90	−7	+2	38.81	6.40	+8	+8
10	5.04	5.88	−2	−11	16.24	1.63	−6	+4	27.60	1.98	−4	+6	39.14	6.61	+11	+5
11	5.35	5.67	−6	−8	16.63	1.57	−2	+7	28.00	2.06	+1	+8	39.47	6.82	+12	+1
12	5.66	5.46	−8	−3	17.03	1.52	+2	+9	28.40	2.15	+5	+9	39.80	7.04	+11	−2
13	5.98	5.26	−7	+1	17.43	1.47	+6	+8	28.80	2.24	+9	+7	40.12	7.26	+9	−6
14	6.30	5.07	−5	+6	17.83	1.43	+10	+6	29.19	2.34	+11	+4	40.44	7.48	+5	−8
15	6.63	4.88	−1	+8	18.24	1.39	+11	+3	29.59	2.44	+12	0	40.76	7.71	+1	−9
16	6.96	4.69	+3	+9	18.65	1.36	+11	−1	29.99	2.55	+11	−3	41.07	7.94	−4	−9
17	7.29	4.51	+7	+8	19.05	1.34	+9	−4	30.38	2.66	+8	−6	41.38	8.17	−8	−7
18	7.63	4.33	+10	+5	19.46	1.32	+6	−7	30.77	2.78	+4	−8	41.69	8.41	−11	−3
19	7.97	4.16	+11	+1	19.86	1.30	+2	−9	31.16	2.90	−1	−9	41.99	8.65	−12	+1
20	8.32	3.99	+10	−2	20.27	1.29	−3	−9	31.55	3.02	−5	−8	42.29	8.89	−11	+5
21	8.67	3.83	+8	−6	20.68	1.29	−8	−7	31.93	3.15	−9	−5	42.58	9.14	−9	+8
22	9.02	3.67	+4	−8	21.09	1.29	−11	−4	32.32	3.29	−12	−2	42.87	9.38	−5	+10
23	9.37	3.52	−1	−9	21.49	1.29	−13	0	32.70	3.43	−12	+3	43.15	9.63	0	+10
24	9.73	3.37	−5	−8	21.90	1.30	−13	+4	33.08	3.57	−11	+7	43.43	9.88	+5	+8
25	10.09	3.23	−9	−6	22.31	1.32	−11	+8	33.46	3.71	−8	+10	43.71	10.14	+8	+4
26	10.46	3.09	−13	−2	22.72	1.34	−7	+11	33.84	3.86	−3	+11	43.98	10.40	+9	−1
27	10.83	2.96	−14	+2	23.13	1.37	−2	+11	34.21	4.02	+2	+10	44.25	10.66	+8	−6
28	11.20	2.83	−13	+6	23.54	1.40	+3	+9	34.58	4.18	+6	+7	44.51	10.92	+4	−9
29	11.57	2.71	−9	+9	23.95	1.43	+7	+5	34.95	4.34	+8	+2	44.77	11.19	−1	−10
30	11.95	2.59	−4	+11					35.31	4.51	+9	−3	45.02	11.46	−5	−9
31	12.33	2.48	+1	+10					35.67	4.68	+6	−7	45.27	11.73	−8	−6
32	12.71	2.37	+6	+7					36.03	4.85	+2	−10				

δ	sec δ	tg δ	δ	sec δ	tg δ
−86° 15′ 0″	15.290	−15.257	−86° 15′ 10″	15.301	−15.268
10	15.301	−15.268	20	15.312	−15.280

$\alpha_{1935.0} = 16^{h}\ 36^{m}\ 15^{s}.55$ $\delta_{1935.0} = -86°\ 15'\ 11''.86$

Scheinbare Sternörter 1935

Obere Kulmination Greenwich

Sf) Octantis 26 G. 6ᵐ.13

Tag	Mai AR.	Mai Dekl.	Mai ☾ Glieder in 0.01 s	Mai ☾ Glieder in 0.01 "	Juni AR.	Juni Dekl.	Juni ☾ Glieder in 0.01 s	Juni ☾ Glieder in 0.01 "
	$16^h 36^m$	−86° 15′			$16^h 36^m$	−86° 15′		
1	45.27	11.73	− 8	− 6	{50.63 / 50.72}	21.00 / 21.32	− 2 / + 3	+ 9 / + 9
2	45.52	12.01	− 9	− 1	50.80	21.63	+ 8	+ 8
3	45.77	12.29	− 8	+ 4	50.88	21.95	+11	+ 5
4	46.01	12.57	− 4	+ 7	50.95	22.26	+12	+ 1
5	46.24	12.85	+ 1	+ 9	51.02	22.57	+11	− 3
6	46.47	13.13	+ 6	+ 9	51.08	22.89	+ 8	− 6
7	46.69	13.41	+10	+ 7	51.13	23.20	+ 4	− 8
8	46.91	13.70	+11	+ 3	51.18	23.52	0	− 9
9	47.13	13.99	+12	− 1	51.22	23.83	− 5	− 8
10	47.34	14.28	+10	− 4	51.26	24.14	− 9	− 6
11	47.54	14.57	+ 7	− 7	51.29	24.45	−11	− 2
12	47.74	14.87	+ 3	− 9	51.32	24.77	−12	+ 2
13	47.93	15.16	− 2	− 9	51.34	25.08	−11	+ 6
14	48.12	15.46	− 6	− 8	51.35	25.39	− 8	+ 9
15	48.30	15.76	−10	− 5	51.36	25.70	− 3	+10
16	48.48	16.06	−12	− 1	51.37	26.00	+ 2	+10
17	48.65	16.36	−12	+ 3	51.37	26.31	+ 6	+ 7
18	48.82	16.67	−10	+ 7	51.36	26.62	+ 9	+ 3
19	48.98	16.97	− 6	+10	51.34	26.92	+10	− 2
20	49.14	17.27	− 1	+11	51.32	27.22	+ 8	− 7
21	49.29	17.58	+ 4	+ 9	51.30	27.52	+ 4	−10
22	49.44	17.89	+ 8	+ 6	51.27	27.82	− 1	−11
23	49.58	18.20	+ 9	+ 1	51.23	28.12	− 5	− 9
24	49.72	18.51	+ 9	− 4	51.19	28.42	− 8	− 5
25	49.85	18.82	+ 6	− 8	51.14	28.72	− 9	0
26	49.98	19.13	+ 2	−10	51.09	29.01	− 7	+ 5
27	50.10	19.44	− 3	−10	51.03	29.30	− 3	+ 8
28	50.22	19.75	− 7	− 7	50.97	29.59	+ 1	+ 9
29	50.33	20.07	− 9	− 3	50.90	29.88	+ 6	+ 9
30	50.44	20.38	− 9	+ 2	50.83	30.17	+10	+ 6
31	50.54	20.69	− 6	+ 6	50.75	30.45	+11	+ 2
32	{50.63 / 50.72}	21.00 / 21.32	− 2 / + 3	+ 9 / + 9				

Tag	Juli AR.	Juli Dekl.	Juli ☾ Glieder in 0.01 s	Juli ☾ Glieder in 0.01 "	August AR.	August Dekl.	August ☾ Glieder in 0.01 s	August ☾ Glieder in 0.01 "
	$16^h 36^m$	−86° 15′			$16^h 36^m$	−86° 15′		
1	50.75	30.45	+11	+ 2	45.80	37.75	+ 3	− 9
2	50.66	30.73	+11	− 2	45.57	37.92	− 2	− 9
3	50.57	31.01	+ 9	− 5	45.33	38.09	− 6	− 7
4	50.48	31.29	+ 6	− 8	45.09	38.25	−10	− 5
5	50.38	31.57	+ 1	− 9	44.85	38.41	−12	− 1
6	50.28	31.84	− 3	− 8	44.61	38.57	−12	+ 3
7	50.17	32.11	− 7	− 7	44.36	38.72	−11	+ 7
8	50.05	32.37	−11	− 4	44.11	38.86	− 8	+10
9	49.93	32.63	−12	0	43.85	39.00	− 4	+11
10	49.80	32.89	−12	+ 4	43.59	39.14	+ 1	+10
11	49.67	33.15	−10	+ 8	43.33	39.27	+ 5	+ 7
12	49.53	33.41	− 6	+10	43.07	39.39	+ 8	+ 2
13	49.39	33.66	− 1	+11	42.80	39.51	+ 9	− 3
14	49.24	33.91	+ 4	+ 9	42.53	39.62	+ 7	− 7
15	49.09	34.16	+ 8	+ 5	42.26	39.73	+ 3	−10
16	48.93	34.40	+ 9	0	41.98	39.84	− 1	−10
17	48.77	34.64	+ 9	− 5	41.70	39.94	− 5	− 8
18	48.60	34.87	+ 6	− 9	41.42	40.03	− 8	− 4
19	48.43	35.10	+ 2	−11	41.14	40.12	− 8	0
20	48.25	35.33	− 3	−10	40.86	40.20	− 5	+ 5
21	48.07	35.55	− 7	− 7	40.58	40.28	− 1	+ 8
22	47.88	35.77	− 8	− 2	40.29	40.35	+ 3	+ 9
23	47.69	35.99	− 7	+ 2	40.00	40.42	+ 8	+ 8
24	47.50	36.20	− 4	+ 6	39.71	40.48	+11	+ 5
25	47.30	36.41	0	+ 9	39.41	40.54	+12	+ 1
26	47.10	36.61	+ 5	+ 9	39.12	40.59	+12	− 3
27	46.89	36.81	+ 9	+ 7	38.83	40.63	+ 9	− 6
28	46.68	37.00	+11	+ 4	38.53	40.67	+ 5	− 8
29	46.47	37.19	+12	0	38.23	40.70	0	− 9
30	46.25	37.38	+10	− 4	37.93	40.73	− 4	− 8
31	46.03	37.57	+ 7	− 7	37.63	40.75	− 8	− 6
32	45.80	37.75	+ 3	− 9	37.33	40.76	−11	− 3

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−86° 15′ 10″	15.301	−15.268	−86° 15′ 20″	15.312	−15.280	−86° 15′ 40″	15.335	−15.303
20	15.312	−15.280	30	15.324	−15.291	50	15.347	−15.314

$\alpha_{1935.0} = 16^h\ 36^m\ 15^s.55$ $\delta_{1935.0} = -86°\ 15'\ 11''.86$

Scheinbare Sternörter 1935

Obere Kulmination Greenwich

Sf) Octantis 26 G. $6^m.13$

Tag	September				Oktober				November				Dezember			
	AR.	Dekl.	☾ Glieder in		AR.	Dekl.	☾ Glieder in		AR.	Dekl.	☾ Glieder in		AR.	Dekl.	☾ Glieder in	
	$16^h 36^m$	−86° 15′	$0^s.01$	$0''.01$	$16^h 36^m$	−86° 15′	$0^s.01$	$0''.01$	$16^h 36^m$	−86° 15′	$0^s.01$	$0''.01$	$16^h 36^m$	−86° 15′	$0^s.01$	$0''.01$
	s	"			s	"			s	"			s	"		
1	37.33	40.76	−11	−3	28.51	38.51	−10	+7	22.18	31.36	+5	+7	*)21.30	21.95	+7	−4
2	37.03	40.77	−12	+1	28.25	38.35	−7	+10	22.06	31.07	+7	+3	21.37	21.63	+4	−8
3	36.73	40.77	−12	+5	27.99	38.18	−2	+10	21.94	30.77	+8	−2	21.45	21.31	0	−10
4	36.43	40.77	−9	+9	27.73	38.01	+2	+9	21.83	30.48	+6	−6	21.54	20.99	−5	−9
5	36.12	40.76	−5	+11	27.47	37.84	+5	+6	21.73	30.18	+2	−9	21.64	20.67	−9	−6
6	35.82	40.75	−1	+11	27.22	37.66	+7	+1	21.63	29.88	−2	−10	21.74	20.36	−10	−2
7	35.52	40.73	+3	+8	26.97	37.47	+7	−3	21.54	29.58	−7	−8	21.85	20.04	−9	+3
8	35.22	40.70	+7	+4	26.72	37.28	+4	−8	21.45	29.27	−9	−5	21.96	19.72	−6	+7
9	34.91	40.67	+8	−1	26.48	37.08	0	−10	21.37	28.97	−10	0	22.08	19.41	−1	+9
10	34.61	40.63	+7	−5	26.24	36.88	−4	−9	21.30	28.66	−8	+5	22.21	19.10	+4	+9
11	34.30	40.59	+4	−9	26.01	36.67	−8	−7	21.23	28.35	−3	+8	22.34	18.79	+9	+7
12	34.00	40.54	−1	−10	25.78	36.46	−9	−3	21.17	28.04	+2	+9	22.48	18.48	+12	+3
13	33.70	40.49	−5	−9	25.55	36.24	−8	+2	21.12	27.72	+7	+8	22.63	18.17	+12	−1
14	33.40	40.43	−8	−6	25.33	36.02	−5	+6	21.07	27.41	+11	+5	22.79	17.87	+11	−5
15	33.10	40.36	−8	−1	25.12	35.80	−1	+8	21.03	27.10	+13	+2	22.95	17.57	+8	−8
16	32.80	40.29	−7	+3	24.91	35.57	+4	+9	21.00	26.78	+12	−2	23.11	17.27	+4	−9
17	32.50	40.21	−3	+7	24.70	35.33	+9	+7	20.97	26.46	+10	−6	23.28	16.97	−1	−9
18	32.20	40.13	+2	+9	24.49	35.09	+12	+4	20.95	26.14	+6	−8	23.46	16.67	−5	−7
19	31.91	40.04	+7	+8	24.29	34.85	+13	0	20.94	25.82	+2	−9	23.64	16.38	−9	−4
20	31.62	39.94	+11	+6	24.10	34.61	+12	−4	20.93	25.50	−2	−9	23.83	16.09	−11	−1
21	31.32	39.84	+13	+3	23.91	34.36	+9	−7	20.93	25.18	−6	−6	24.03	15.81	−11	+3
22	31.03	39.73	+13	−1	23.72	34.10	+5	−9	20.94	24.86	−9	−3	24.23	15.52	−9	+6
23	30.74	39.61	+11	−5	23.54	33.84	0	−9	20.95	24.53	−11	0	24.44	15.24	−6	+9
24	30.45	39.49	+7	−8	23.37	33.58	−4	−8	20.97	24.21	−10	+4	24.66	14.96	−2	+10
25	30.17	39.37	+3	−9	23.20	33.32	−8	−5	21.00	23.88	−8	+7	24.88	14.69	+2	+9
26	29.89	39.24	−2	−9	23.04	33.05	−10	−2	21.03	23.56	−5	+10	25.10	14.42	+6	+6
27	29.61	39.10	−6	−7	22.88	32.78	−11	+2	21.07	23.24	0	+10	25.33	14.15	+8	+2
28	29.33	38.96	−9	−4	22.73	32.50	−10	+6	21.12	22.92	+4	+8	25.57	13.88	+8	−3
29	29.05	38.82	−11	0	22.58	32.22	−7	+9	21.17	22.59	+7	+5	25.81	13.62	+6	−7
30	28.78	38.67	−11	+4	22.44	31.94	−3	+10	21.23	22.27	+8	0	26.06	13.36	+2	−10
31	28.51	38.51	−10	+7	22.31	31.65	+1	+10	*)21.30	21.95	+7	−4	26.32	13.11	−2	−10
32					22.18	31.36	+5	+7					26.58	12.86	−7	−8

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−86° 15′ 10″	15.301	−15.268	−86° 15′ 20″	15.312	−15.280	−86° 15′ 40″	15.335	−15.303
20	15.312	−15.280	30	15.324	−15.291	50	15.347	−15.314

$\alpha_{1935.0} = 16^h\ 36^m\ 15^s.55$ $\delta_{1935.0} = -86°\ 15'\ 11''.86$

*) Tag der doppelten unteren Kulmination: Dez. 1.

Scheinbare Sternörter 1935

Obere Kulmination Greenwich

Sg) χ Octantis $5^m.22$

Tag	Januar AR.	Januar Dekl.	Januar ☾ Glieder in		Februar AR.	Februar Dekl.	Februar ☾ Glieder in		März AR.	März Dekl.	März ☾ Glieder in		April AR.	April Dekl.	April ☾ Glieder in	
	$18^h 16^m$	−87° 39′	$0^s.01$	$0''.01$	$18^h 16^m$	−87° 39′	$0^s.01$	$0''.01$	$18^h 16^m$	−87° 39′	$0^s.01$	$0''.01$	$18^h 17^m$	−87° 39′	$0^s.01$	$0''.01$
1	$32^s.24$	$38''.18$	−20	+3	$42^s.92$	$28''.95$	+4	+9	$58^s.34$	$23''.48$	+7	+7	$18^s.09$	$21''.65$	+9	−9
2	32.45	37.85	−16	+7	43.39	28.70	+11	+6	58.95	23.35	+13	+3	18.73	21.67	+3	−11
3	32.67	37.52	−9	+10	43.87	28.45	+16	+1	59.57	23.22	+15	−2	19.37	21.69	−4	−10
4	32.89	37.19	0	+10	44.36	28.21	+16	−4	60.19	23.10	+13	−7	20.01	21.72	−9	−7
5	33.12	36.87	+9	+8	44.85	27.97	+13	−8	60.81	22.99	+8	−10	20.64	21.75	−12	−2
6	33.37	36.54	+15	+4	45.35	27.73	+7	−10	61.43	22.88	+2	−11	21.28	21.79	−11	+3
7	33.63	36.22	+18	−1	45.86	27.50	0	−10	62.06	22.77	−5	−9	21.92	21.83	−7	+7
8	33.89	35.90	+17	−6	46.37	27.27	−6	−7	62.69	22.67	−10	−5	22.55	21.88	−1	+9
9	34.17	35.58	+12	−9	46.89	27.05	−10	−3	63.33	22.57	−11	0	23.18	21.93	+6	+10
10	34.45	35.26	+5	−11	47.42	26.83	−11	+2	63.96	22.47	−9	+5	23.80	21.98	+12	+9
11	34.74	34.95	−3	−9	47.95	26.62	−8	+6	64.59	22.38	−5	+8	24.42	22.04	+16	+6
12	35.04	34.63	−9	−6	48.49	26.41	−3	+9	65.23	22.30	+2	+10	25.04	22.10	+17	+2
13	35.35	34.32	−11	−1	49.03	26.20	+4	+10	65.87	22.22	+8	+10	25.66	22.17	+16	−2
14	35.67	34.01	−11	+4	49.58	26.00	+10	+9	66.51	22.15	+13	+8	26.28	22.24	+13	−6
15	36.00	33.70	−7	+8	50.13	25.80	+14	+7	67.15	22.08	+17	+4	26.89	22.32	+7	−8
16	36.34	33.40	−1	+10	50.69	25.61	+16	+3	67.79	22.02	+17	0	27.50	22.40	0	−9
17	36.69	33.10	+5	+10	51.25	25.42	+16	−1	68.43	21.96	+15	−3	28.11	22.49	−7	−9
18	37.05	32.80	+11	+8	51.82	25.23	+13	−5	69.08	21.91	+10	−7	28.71	22.58	−13	−7
19	37.42	32.51	+14	+5	52.39	25.05	+8	−8	69.72	21.86	+4	−9	29.31	22.68	−17	−4
20	37.79	32.22	+16	+1	52.97	24.87	+1	−9	70.37	21.81	−3	−10	29.91	22.78	−19	+1
21	38.17	31.93	+14	−3	53.55	24.70	−6	−9	71.01	21.77	−10	−8	30.50	22.88	−18	+5
22	38.56	31.64	+10	−6	54.13	24.53	−13	−7	71.66	21.74	−16	−6	31.09	22.99	−13	+8
23	38.96	31.35	+4	−8	54.72	24.37	−18	−5	72.30	21.71	−20	−2	31.68	23.10	−6	+10
24	39.37	31.07	−3	−10	55.31	24.21	−21	0	72.95	21.68	−20	+2	32.26	23.22	+2	+9
25	39.79	30.79	−10	−9	55.91	24.06	−20	+4	73.59	21.66	−17	+7	32.84	23.34	+9	+6
26	40.21	30.52	−16	−7	56.51	23.91	−16	+8	74.24	21.65	−11	+9	33.42	23.47	+14	+2
27	40.64	30.25	−21	−3	57.12	23.76	−9	+10	74.88	21.64	−4	+10	33.99	23.60	+14	−3
28	41.08	29.98	−22	+1	57.73	23.62	−1	+10	75.52	21.63	+4	+8	34.56	23.73	+11	−7
29	41.53	29.72	−19	+6	58.34	23.48	+7	+7	76.17	21.63	+11	+5	35.12	23.87	+5	−10
30	41.99	29.46	−13	+9					76.81	21.63	+14	0	35.68	24.01	−2	−10
31	42.45	29.20	−5	+10					77.45	21.64	+13	−5	36.23	24.16	−8	−8
32	42.92	28.95	+4	+9					78.09	21.65	+9	−9				

δ	sec δ	tg δ	δ	sec δ	tg δ
−87° 39′ 20″	24.446	−24.425	−87° 39′ 30″	24.475	−24.454
30	24.475	−24.454	40	24.504	−24.483

$\alpha_{1935.0} = 18^h\ 16^m\ 54^s.39$ $\qquad$ $\delta_{1935.0} = -87°\ 39'\ 35''.97$

Sg) χ Octantis $5^m.22$

Tag	Mai AR.	Mai Dekl.	Mai ☾ Glieder		Juni AR.	Juni Dekl.	Juni ☾ Glieder		Juli AR.	Juli Dekl.	Juli ☾ Glieder		August AR.	August Dekl.	August ☾ Glieder	
	$18^h 17^m$	— $87° 39'$	in $0^s.01$	in $0''.01$	$18^h 17^m$	— $87° 39'$	in $0^s.01$	in $0''.01$	$18^h 17^m$	— $87° 39'$	in $0^s.01$	in $0''.01$	$18^h 17^m$	— $87° 39'$	in $0^s.01$	in $0''.01$
1	36.23	24.16	−8	−8	50.42	30.53	−8	+8	57.20	39.27	+15	+6	55.15	48.14	+10	−7
2	36.78	24.31	−12	−4	50.77	30.79	−1	+10	57.28	39.56	+17	+2	54.94	48.40	+3	−8
3	37.32	24.47	−13	+1	51.11	31.05	+6	+10	57.35	39.86	+16	−2	54.72	48.66	−4	−9
4	37.85	24.63	−10	+6	51.44	31.31	+12	+8	57.41	40.16	+13	−5	54.49	48.92	−11	−8
5	38.38	24.79	−5	+9	51.77	31.57	+16	+5	57.45	40.46	+7	−8	54.25	49.17	−16	−5
6	38.91	24.96	+2	+10	52.08	31.83	+17	+1	57.49	40.75	0	−9	54.00	49.42	−20	−1
7	39.43	25.13	+9	+10	52.39	32.10	+15	−3	57.52	41.05	−7	−9	53.75	49.66	−20	+3
8	39.95	25.31	+14	+7	52.69	32.37	+11	−6	57.54	41.35	−13	−7	53.49	49.90	−17	+6
9	40.46	25.49	+17	+3	52.98	32.64	+5	−8	57.55	41.64	−18	−4	53.22	50.14	−12	+9
10	40.96	25.67	+17	−1	53.26	32.91	−2	−9	57.55	41.94	−20	0	52.94	50.38	−4	+10
11	41.46	25.86	+14	−4	53.53	33.19	−9	−8	57.53	42.24	−19	+4	52.66	50.61	+4	+8
12	41.96	26.05	+9	−7	53.79	33.46	−15	−6	57.51	42.53	−15	+8	52.36	50.84	+10	+5
13	42.45	26.24	+3	−9	54.05	33.74	−19	−2	57.48	42.83	−8	+10	52.06	51.06	+14	0
14	42.93	26.44	−4	−9	54.30	34.02	−19	+2	57.44	43.12	0	+9	51.75	51.28	+14	−5
15	43.40	26.64	−11	−8	54.54	34.30	−17	+6	57.39	43.41	+8	+7	51.43	51.50	+10	−8
16	43.87	26.84	−16	−5	54.77	34.58	−11	+9	57.33	43.70	+14	+3	51.11	51.72	+5	−10
17	44.33	27.05	−19	−1	54.99	34.87	−4	+10	57.26	43.99	+16	−2	50.78	51.93	−2	−9
18	44.78	27.26	−18	+3	55.20	35.16	+4	+9	57.18	44.28	+14	−6	50.44	52.14	−8	−7
19	45.23	27.47	−15	+7	55.40	35.44	+11	+6	57.10	44.57	+9	−9	50.09	52.34	−11	−2
20	45.67	27.69	−8	+9	55.60	35.73	+16	+1	57.00	44.86	+2	−10	49.74	52.54	−11	+3
21	46.11	27.91	0	+9	55.78	36.02	+16	−4	56.89	45.14	−5	−9	49.38	52.73	−7	+7
22	46.54	28.13	+7	+8	55.95	36.31	+12	−8	56.78	45.42	−10	−5	49.01	52.92	−1	+10
23	46.96	28.36	+13	+4	56.12	36.60	+6	−10	56.66	45.71	−12	0	48.63	53.10	+6	+10
24	47.37	28.59	+15	−1	56.28	36.89	−2	−10	56.53	45.99	−10	+5	48.25	53.28	+13	+9
25	47.78	28.82	+14	−6	56.43	37.19	−8	−7	56.39	46.27	−5	+8	47.86	53.46	+17	+6
26	48.18	29.06	+9	−9	56.57	37.49	−12	−3	56.24	46.54	+1	+10	47.47	53.63	+18	+2
27	48.57	29.30	+2	−11	56.70 56.82	37.78 38.08	−13 −10	+2 +6	56.08	46.81	+8	+10	47.07	53.80	+16	−3
28	48.96	29.54	−6	−9	56.93	38.37	−4	+9	55.91	47.08	+14	+7	46.67	53.96	+12	−6
29	49.34	29.78	−11	−6	57.03	38.67	+3	+10	55.74	47.35	+17	+4	46.26	54.12	+7	−8
30	49.71	30.03	−14	−1	57.12	38.97	+10	+9	55.55	47.62	+17	0	45.84	54.27	0	−9
31	50.07	30.28	−12	+4	57.20	39.27	+15	+6	55.35	47.88	+14	−4	45.42	54.42	−8	−8
32	50.42	30.53	−8	+8					55.15	48.14	+10	−7	44.99	54.56	−14	−6

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−87° 39′ 20″	24.446	−24.425	−87° 39′ 30″	24.475	−24.454	−87° 39′ 50″	24.533	−24.513
30	24.475	−24.454	40	24.504	−24.483	60	24.562	−24.542

$\alpha_{1935.0} = 18^h\ 16^m\ 54^s.39$ $\delta_{1935.0} = -87°\ 39'\ 35''.97$

Scheinbare Sternörter 1935

Obere Kulmination Greenwich

Sg) χ Octantis $5^{m}.22$

Tag	September				Oktober				November				Dezember			
	AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder	
	$18^h 17^m$	$-87° 39'$	in $0.^s01$	in $0.''01$	$18^h 17^m$	$-87° 39'$	in $0.^s01$	in $0.''01$	$18^h 17^m$	$-87° 39'$	in $0.^s01$	in $0.''01$	$18^h 17^m$	$-87° 39'$	in $0.^s01$	in $0.''01$
	s	"			s	"			s	"			s	"		
1	44.99	54.56	−14	− 6	30.59	56.29	−19	+ 3	16.24	52.51	+ 2	+ 8	8.14	44.41	+13	− 2
2	44.56	54.70	−18	− 3	30.09	56.26	−16	+ 7	15.85	52.30	+ 8	+ 5	8.02	44.09	+11	− 6
3	44.12	54.83	−20	+ 1	29.58	56.22	−10	+ 9	15.47	52.08	+12	+ 1	7.90	43.77	+ 6	− 9
4	43.68	54.96	−19	+ 5	29.08	56.17	− 3	+ 9	15.10	51.86	+12	− 4	7.79	43.45	− 1	−10
5	43.24	55.08	−14	+ 8	28.58	56.12	+ 4	+ 7	14.73	51.64	+ 9	− 8	7.69	43.12	− 8	− 9
6	42.79	55.20	− 8	+ 9	28.08	56.06	+10	+ 4	14.37	51.41	+ 3	−10	7.61	42.79	−13	− 5
7	42.33	55.31	0	+ 9	27.59	56.00	+12	− 1	14.02	51.18	− 5	−10	7.53	42.46	−15	0
8	41.87	55.42	+ 7	+ 6	27.09	55.93	+11	− 6	13.68	50.94	−11	− 7	7.47	42.13	−12	+ 5
9	41.41	55.52	+12	+ 2	26.60	55.85	+ 7	− 9	13.34	50.70	−14	− 3	7.42	41.80	− 7	+ 8
10	40.95	55.61	+13	− 3	26.11	55.77	0	−10	13.01	50.45	−14	+ 2	7.38	41.47	0	+10
11	40.48	55.70	+11	− 7	25.62	55.68	− 6	− 9	12.69	50.20	−10	+ 6	7.34	41.13	+ 8	+10
12	40.00	55.79	+ 6	−10	25.13	55.59	−11	− 6	12.38	49.94	− 3	+ 9	7.32	40.79	+14	+ 7
13	39.52	55.87	− 1	−10	24.65	55.49	−13	− 1	12.08	49.68	+ 5	+10	7.30	40.46	+18	+ 3
14	39.04	55.94	− 7	− 8	24.17	55.39	−11	+ 4	11.78	49.42	+12	+ 9	7.30	40.12	+18	− 1
15	38.56	56.01	−11	− 4	23.69	55.28	− 6	+ 8	11.49	49.15	+17	+ 6	7.31	39.78	+15	− 4
16	38.08	56.07	−12	+ 1	23.22	55.16	+ 1	+10	11.21	48.88	+19	+ 2	7.33	39.44	+11	− 7
17	37.59	56.13	− 9	+ 6	22.75	55.03	+ 8	+10	10.94	48.60	+18	− 2	7.36	39.11	+ 4	− 9
18	37.10	56.18	− 3	+ 9	22.28	54.90	+15	+ 8	10.68	48.32	+14	− 6	7.40	38.77	− 3	− 9
19	36.61	56.22	+ 4	+10	21.82	54.77	+18	+ 5	10.43	48.04	+ 9	− 8	7.45	38.43	− 9	− 7
20	36.11	56.26	+11	+ 9	21.36	54.63	+19	0	10.19	47.76	+ 2	− 9	7.52	38.09	−14	− 5
21	35.61	56.29	+16	+ 7	20.90	54.48	+17	− 4	9.95	47.47	− 5	− 8	7.59	37.75	−17	− 1
22	35.11	56.32	+19	+ 3	20.45	54.33	+12	− 7	9.72	47.18	−11	− 6	7.68	37.41	−16	+ 3
23	34.61	56.34	+18	− 1	20.00	54.17	+ 6	− 9	9.51	46.88	−16	− 3	7.77	37.07	−15	+ 6
24	34.11	56.36	+15	− 5	19.56	54.01	− 1	− 9	9.31	46.58	−17	0	7.87	36.73	−10	+ 9
25	33.61	56.37	+10	− 7	19.12	53.84	− 8	− 8	9.11	46.28	−17	+ 4	7.99	36.39	− 3	+ 9
26	33.11	56.37	+ 3	− 9	18.69	53.66	−13	− 5	8.92	45.97	−13	+ 7	*)8.12	36.06	+ 4	+ 8
27	32.60	56.36	− 4	− 9	18.27	53.48	−17	− 2	8.75	45.67	− 7	+ 9	8.25	35.72	+11	+ 5
28	32.10	56.35	−11	− 7	17.85	53.30	−18	+ 2	8.58	45.36	0	+ 9	8.40	35.38	+14	0
29	31.60	56.34	−16	− 4	17.44	53.11	−16	+ 6	8.42	45.05	+ 7	+ 7	8.56	35.04	+14	− 4
30	31.09	56.32	−18	0	17.03	52.91	−11	+ 8	8.28	44.73	+12	+ 3	8.73	34.71	+ 9	− 8
31	30.59	56.29	−19	+ 3	16.63	52.71	− 5	+ 9	8.14	44.41	+13	− 2	8.91	34.38	+ 3	−10
32					16.24	52.51	+ 2	+ 8					9.10	34.04	− 4	− 9

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−87° 39′ 30″	24.475	−24.454	−87° 39′ 40″	24.504	−24.483	−87° 39′ 50″	24.533	−24.513
40	24.504	−24.483	50	24.533	−24.513	60	24.562	−24.542

$\alpha_{1935.0} = 18^h\ 16^m\ 54^s.39$ $\delta_{1935.0} = -87°\ 39'\ 35''.97$

*) Tag der doppelten unteren Kulmination: Dez. 26.

Sh) σ Octantis $5^{m}.48$

Tag	Januar AR.	Januar Dekl.	Januar ☾ Glieder		Februar AR.	Februar Dekl.	Februar ☾ Glieder		März AR.	März Dekl.	März ☾ Glieder		April AR.	April Dekl.	April ☾ Glieder	
		—	in			—	in			—	in			—	in	
	$19^{h}53^{m}$	89° 10′	$0.^{s}01$	$0.''01$	$19^{h}53^{m}$	89° 10′	$0.^{s}01$	$0.''01$	$19^{h}54^{m}$	89° 10′	$0.^{s}01$	$0.''01$	$19^{h}55^{m}$	89° 10′	$0.^{s}01$	$0.''01$
1	$49.^{s}27$	$61.''87$	−57	− 1	$58.^{s}56$	$50.''74$	− 6	+ 9	$27.^{s}70$	$41.''86$	+ 6	+ 8	$15.^{s}11$	$35.''21$	+40	− 6
2	49.14	61.52	−54	+ 3	59.29	50.39	+19	+ 8	29.03	41.59	+28	+ 6	16.79	35.07	+27	− 9
3	49.05	61.16	−40	+ 7	60.05	50.04	+39	+ 4	30.38	41.32	+42	+ 1	18.48	34.93	+ 8	−10
4	48.98	60.81	−18	+ 9	60.83	49.69	+49	0	31.74	41.05	+46	− 3	20.18	34.80	−12	− 8
5	48.94	60.45	+ 8	+ 9	61.64	49.35	+49	− 5	33.12	40.79	+39	− 7	21.88	34.67	−27	− 5
6	48.93	60.09	+31	+ 7	62.47	49.01	+37	− 8	34.51	40.53	+23	− 9	23.59	34.54	−34	0
7	48.94	59.73	+48	+ 3	63.33	48.67	+18	− 9	35.92	40.27	+ 3	− 9	25.30	34.42	−31	+ 5
8	48.99	59.37	+53	− 2	64.21	48.34	− 3	− 8	37.35	40.02	−16	− 6	27.01	34.30	−21	+ 9
9	49.06	59.00	+47	− 6	65.11	48.00	−20	− 5	38.79	39.77	−28	− 2	28.73	34.19	− 5	+11
10	49.17	58.64	+31	− 9	66.04	47.67	−31	0	40.24	39.53	−32	+ 2	30.45	34.08	+13	+11
11	49.30	58.28	+ 9	− 9	66.99	47.34	−31	+ 4	41.71	39.29	−27	+ 7	32.17	33.98	+29	+ 9
12	49.46	57.92	−12	− 7	67.97	47.01	−24	+ 8	43.19	39.05	−15	+10	33.89	33.88	+40	+ 5
13	49.66	57.56	−27	− 3	68.96	46.69	−10	+10	44.68	38.82	+ 2	+11	35.62	33.79	+45	+ 1
14	49.88	57.19	−34	+ 1	69.98	46.36	+ 7	+11	46.19	38.59	+18	+10	37.35	33.70	+42	− 3
15	50.12	56.83	−31	+ 6	71.02	46.04	+23	+ 9	47.71	38.37	+33	+ 7	39.08	33.62	+33	− 6
16	50.40	56.47	−21	+ 9	72.08	45.72	+35	+ 6	49.24	38.15	+42	+ 4	40.81	33.54	+18	− 9
17	50.70	56.11	− 6	+10	73.17	45.41	+41	+ 2	50.78	37.93	+43	0	42.54	33.47	− 1	−10
18	51.04	55.75	+11	+10	74.27	45.10	+40	− 2	52.34	37.72	+38	− 4	44.27	33.40	−20	− 9
19	51.40	55.38	+27	+ 8	75.40	44.79	+33	− 5	53.91	37.51	+27	− 7	46.01	33.34	−37	− 7
20	*)51.78	55.02	+36	+ 5	76.54	44.48	+19	− 8	55.48	37.31	+10	− 9	47.74	33.28	−49	− 4
21	52.20	54.66	+40	+ 1	77.70	44.17	+ 1	−10	57.07	37.11	−10	−10	49.47	33.23	−53	+ 1
22	52.64	54.30	+37	− 3	78.88	43.87	−20	−10	58.67	36.91	−29	− 9	51.20	33.18	−47	+ 5
23	53.11	53.94	+27	− 7	80.09	43.57	−38	− 8	60.28	36.72	−45	− 6	52.94	33.14	−32	+ 8
24	53.61	53.58	+11	−10	81.31	43.28	−52	− 5	61.89	36.53	−54	− 2	54.67	33.10	−11	+ 9
25	54.14	53.22	− 8	−10	82.55	42.99	−58	− 1	63.52	36.35	−55	+ 2	56.39	33.07	+12	+ 8
26	54.69	52.86	−29	−10	83.81	42.70	−54	+ 4	65.15	36.17	−45	+ 6	58.12	33.04	+31	+ 5
27	55.27	52.50	−46	− 7	85.09	42.42	−40	+ 7	66.79	36.00	−27	+ 8	59.84	33.01	+42	0
28	55.88	52.15	−57	− 3	86.38	42.14	−19	+ 9	68.44	35.83	− 4	+ 9	61.56	32.99	+43	− 5
29	56.51	51.79	−58	+ 1	87.70	41.86	+ 6	+ 8	70.09	35.67	+19	+ 7	63.27	32.98	+32	− 8
30	57.17	51.44	−49	+ 5					71.76	35.51	+36	+ 3	64.98	32.97	+14	−10
31	57.85	51.09	−30	+ 8					73.43	35.36	+43	− 2	66.68	32.97	− 6	− 9
32	58.56	50.74	− 6	+ 9					75.11	35.21	+40	− 6				

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−89° 10′ 30″	69.452	−69.445	−89° 10′ 40″	69.686	−69.679	−89° 11′ 0″	70.169	−70.153
40	69.686	−69.679	50	69.923	−69.916	10	70.400	−70.393

$\alpha_{1935.0} = 19^{h}\ 54^{m}\ 44.^{s}34$ $\delta_{1935.0} = -89°\ 10'\ 54.''09$

*) Tag der doppelten unteren Kulmination: Jan. 20.

Scheinbare Sternörter 1935

Obere Kulmination Greenwich

Sh) σ Octantis $5^m\!.48$

Tag	Mai				Juni				Juli				August			
	AR.	Dekl.	☾ Glieder in		AR.	Dekl.	☾ Glieder in		AR.	Dekl.	☾ Glieder in		AR.	Dekl.	☾ Glieder in	
	$19^h 56^m$	$-89° 10'$	$0^s\!.01$	$0''\!.01$	$19^h 56^m$	$-89° 10'$	$0^s\!.01$	$0''\!.01$	$19^h 57^m$	$-89° 10'$	$0^s\!.01$	$0''\!.01$	$19^h 57^m$	$-89° 10'$	$0^s\!.01$	$0''\!.01$
1	$6^s\!.68$	$32''\!.97$	−6	−9	$55^s\!.49$	$35''\!.28$	−34	+5	$29^s\!.02$	$41''\!.39$	+8	+10	$41^s\!.68$	$50''\!.39$	+37	−4
2	8.38	32.97	−24	−6	56.87	35.43	−21	+9	29.81	41.65	+25	+9	41.63	50.68	+24	−7
3	10.07	32.98	−35	−2	58.24	35.58	−4	+11	30.58	41.90	+38	+6	41.56	50.98	+7	−9
4	11.76	32.99	−36	+3	59.59	35.74	+15	+10	31.32	42.16	+43	+2	41.46	51.27	−12	−9
5	13.44	33.01	−28	+7	60.93	35.90	+31	+8	32.04	42.42	+41	−2	41.33	51.56	−31	−8
6	15.12	33.03	−13	+10	62.25	36.06	+41	+4	32.73	42.68	+33	−6	41.18	51.86	−47	−6
7	16.79	33.05	+5	+11	63.56	36.23	+44	0	33.40	42.95	+18	−9	40.99	52.15	−55	−2
8	18.46	33.08	+23	+10	64.84	36.40	+39	−4	34.04	43.22	0	−9	40.78	52.44	−55	+2
9	20.12	33.12	+36	+7	66.11	36.58	+28	−7	34.66	43.49	−20	−9	40.54	52.73	−46	+6
10	21.77	33.16	+43	+3	67.36	36.76	+12	−9	35.26	43.76	−38	−8	40.28	53.02	−28	+8
11	23.41	33.21	+43	−1	68.60	36.94	−7	−10	35.83	44.03	−50	−4	39.98	53.30	−5	+8
12	25.05	33.26	+36	−5	69.81	37.13	−26	−9	36.37	44.31	−55	0	39.66	53.59	+18	+7
13	26.68	33.32	+23	−8	71.01	37.32	−42	−7	36.89	44.59	−51	+4	39.31	53.88	+36	+3
14	28.29	33.38	+6	−9	72.18	37.52	−52	−3	37.38	44.87	−37	+7	38.94	54.17	+44	−1
15	29.90	33.45	−13	−9	73.34	37.72	−53	+1	37.85	45.15	−16	+9	38.54	54.45	+42	−5
16	31.50	33.52	−31	−8	74.48	37.92	−44	+5	38.29	45.43	+8	+8	38.11	54.73	+30	−8
17	33.09	33.60	−45	−5	75.59	38.13	−27	+8	38.70	45.72	+29	+6	37.66	55.01	+11	−9
18	34.66	33.68	−52	−1	76.69	38.34	−4	+9	39.09	46.00	+44	+2	37.18	55.29	−9	−8
19	36.23	33.76	−50	+3	77.76	38.56	+19	+8	39.45	46.29	+47	−3	36.67	55.57	−24	−4
20	37.78	33.85	−38	+7	78.82	38.78	+37	+4	39.79	46.58	+40	−7	36.14	55.84	−32	0
21	39.33	33.94	−18	+9	79.86	39.00	+47	0	40.10	46.87	+24	−9	35.58	56.11	−30	+5
22	40.86	34.04	+5	+9	80.87	39.22	+45	−5	40.38 40.64	47.16 47.45	+3 −17	−9 −6	35.00	56.38	−20	+9
23	42.39	34.14	+26	+6	81.87	39.45	+33	−8	40.86	47.74	−30	−3	34.39	56.65	−3	+11
24	43.90	34.25	+41	+2	82.84	39.68	+13	−9	41.06	48.03	−34	+2	33.75	56.91	+16	+11
25	45.39	34.36	+46	−2	83.79	39.92	−8	−8	41.23	48.32	−29	+7	33.09	57.18	+31	+9
26	46.88	34.48	+39	−6	84.72	40.16	−26	−5	41.38	48.62	−16	+10	32.40	57.44	+42	+5
27	48.35	34.60	+23	−9	85.62	40.40	−36	−1	41.50	48.91	+2	+11	31.69	57.69	+46	+1
28	49.81	34.73	+2	−10	86.51	40.65	−36	+4	41.59	49.21	+20	+10	30.96	57.95	+42	−3
29	51.25	34.86	−18	−8	87.37	40.89	−27	+8	41.65	49.50	+34	+7	30.20	58.20	+31	−6
30	52.68	34.99	−32	−4	88.21	41.14	−11	+10	41.69	49.80	+43	+3	29.42	58.45	+16	−9
31	54.09	35.13	−38	+1	89.02	41.39	+8	+10	41.70	50.09	+44	−1	28.61	58.69	−4	−9
32	55.49	35.28	−34	+5					41.68	50.39	+37	−4	27.78	58.93	−23	−9

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−89° 10′ 30″	69.452	−69.445	−89° 10′ 40″	69.686	−69.679	−89° 10′ 50″	69.923	−69.916
40	69.686	−69.679	50	69.923	−69.916	60	70.160	−70.153

$\alpha_{1935.0} = 19^h\ 54^m\ 44^s\!.34$ $\delta_{1935.0} = -89°\ 10'\ 54''\!.09$

Sh) σ Octantis $5^{m}.48$

Tag	September				Oktober				November				Dezember			
	AR.	Dekl.	☾ Glieder in		AR.	Dekl.	☾ Glieder in		AR.	Dekl.	☾ Glieder in		AR.	Dekl.	☾ Glieder in	
	$19^h 56^m$	$-89° 10'$	$0^s.01$	$0''.01$	$19^h 56^m$	$-89° 11'$	$0^s.01$	$0''.01$	$19^h 55^m$	$-89° 10'$	$0^s.01$	$0''.01$	$19^h 55^m$	$-89° 10'$	$0^s.01$	$0''.01$
1	87.78	58.93	−23	−9	53.54	4.24	−53	−1	68.35	64.47	−9	+8	30.74	59.14	+37	+1
2	86.93	59.17	−40	−7	52.15	4.34	−51	+3	66.91	64.38	+12	+7	29.76	58.88	+40	−3
3	86.05	59.41	−52	−4	50.75	4.43	−41	+6	65.48	64.28	+28	+3	28.81	58.62	+32	−7
4	85.15	59.64	−56	0	49.35	4.52	−24	+8	64.05	64.18	+37	−1	27.88	58.35	+16	−9
5	84.22	59.87	−51	+4	47.94	4.60	−3	+8	62.64	64.07	+36	−5	26.97	58.08	−4	−10
6	83.28	60.09	−37	+7	46.52	4.68	+18	+6	61.23	63.95	+25	−9	26.08	57.80	−24	−7
7	82.31	60.31	−17	+8	45.09	4.75	+33	+2	59.83*	63.83	+7	−10	25.22	57.52	−36	−3
8	81.32	60.53	+6	+7	43.65	4.81	+39	−3	58.45	63.70	−13	−9	24.39	57.24	−39	+2
9	80.31	60.74	+26	+4	42.21	4.87	+34	−7	57.08	63.56	−29	−6	23.58	56.95	−33	+6
10	79.28	60.95	+38	0	40.76	4.92	+20	−9	55.72	63.42	−38	−1	22.79	56.66	−17	+10
11	78.23	61.15	+41	−4	39.30	4.97	+1	−10	54.37	63.27	−36	+4	22.03	56.36	+3	+11
12	77.16	61.35	+33	−8	37.84	5.01	−18	−8	53.03	63.12	−25	+8	21.29	56.06	+23	+10
13	76.07	61.55	+16	−9	36.37	5.04	−31	−4	51.71	62.96	−7	+11	20.58	55.76	+39	+7
14	74.96	61.74	−4	−9	34.90	5.07	−36	+1	50.40	62.79	+13	+11	19.90	55.45	+47	+3
15	73.83	61.93	−21	−6	33.43	5.09	−30	+6	49.10	62.62	+31	+9	19.24	55.14	+48	−1
16	72.68	62.11	−31	−2	31.95	5.10	−17	+10	47.82	62.44	+44	+6	18.61	54.82	+40	−4
17	71.52	62.29	−32	+3	30.47	5.11	+2	+11	46.56	62.26	+49	+2	18.00	54.50	+27	−7
18	70.33	62.46	−24	+8	28.98	5.11	+22	+11	45.31	62.07	+46	−2	17.43	54.18	+9	−8
19	69.13	62.63	−9	+11	27.50	5.11	+38	+8	44.08	61.88	+36	−5	16.88	53.85	−10	−9
20	67.91	62.79	+10	+11	26.01	5.10	+47	+4	42.86	61.68	+21	−8	16.35	53.53	−28	−7
21	66.68	62.95	+28	+10	24.53	5.08	+49	0	41.66	61.47	+2	−9	15.86	53.20	−42	−5
22	65.43	63.10	+41	+7	23.04	5.06	+43	−3	40.48	61.26	−16	−8	15.39	52.87	−49	−1
23	64.16	63.25	+48	+3	21.56	5.03	+31	−6	39.31	61.05	−33	−6	14.96	52.53	−49	+2
24	62.88	63.39	+46	−1	20.08	4.99	+14	−8	38.17	60.83	−45	−3	14.55	52.20	−40	+6
25	61.59	63.53	+38	−5	18.60	4.95	−5	−9	37.04	60.60	−50	0	14.16	51.86	−23	+8
26	60.28	63.66	+24	−8	17.12	4.90	−23	−7	35.94	60.37	−46	+4	13.81	51.52	−3	+8
27	58.96	63.79	+5	−9	15.65	4.84	−39	−5	34.86	60.13	−34	+7	13.48	51.18	+18	+7
28	57.62	63.91	−14	−9	14.18	4.78	−49	−2	33.79	59.89	−16	+8	13.19	50.83	+35	+3
29	56.27	64.03	−32	−7	12.71	4.71	−51	+2	32.75	59.64	+5	+8	12.92	50.49	+42	−1
30	54.91	64.14	−46	−4	11.25	4.64	−44	+5	31.74	59.39	+24	+5	12.68	50.14	+39	−5
31	53.54	64.24	−53	−1	9.80	4.56	−29	+7	30.74	59.14	+37	+1	12.47	49.79	+26	−9
32					8.35	4.47	−9	+8					12.29	49.44	+6	−10

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−89° 10′ 40″	69.686	−69.679	−89° 10′ 50″	69.923	−69.916	−89° 11′ 0″	70.160	−70.153
50	69.923	−69.916	60	70.160	−70.153	10	70.400	−70.393

$\alpha_{1935.0} = 19^h\ 54^m\ 44^s.34$ $\delta_{1935.0} = -89°\ 10'\ 54''.09$

Scheinbare Sternörter 1935

Obere Kulmination Greenwich

Si) β Octantis $4^m.34$

Tag	Januar AR.	Januar Dekl.	Januar ☾ Glieder		Februar AR.	Februar Dekl.	Februar ☾ Glieder		März AR.	März Dekl.	März ☾ Glieder		April AR.	April Dekl.	April ☾ Glieder	
		—	in			—	in			—	in			—	in	
	$22^h 39^m$	$81° 43'$	$0^s.01$	$0''.01$	$22^h 39^m$	$81° 43'$	$0^s.01$	$0''.01$	$22^h 39^m$	$81° 43'$	$0^s.01$	$0''.01$	$22^h 39^m$	$81° 42'$	$0^s.01$	$0''.01$
1	$30^s.98$	$37''.79$	−5	−9	$28^s.54$	$28''.76$	−2	+6	$28^s.21$	$18''.40$	−1	+7	$29^s.94$	$66''.86$	+5	+1
2	30.87	37.56	−6	−5	28.50	28.41	0	+9	28.23	18.01	+2	+8	30.03	66.51	+5	−3
3	30.77	37.33	−5	0	28.46	28.06	+3	+9	*)28.26	17.63	+4	+6	30.12	66.16	+3	−6
4	30.66	37.10	−4	+5	28.42	27.71	+5	+6	28.29	17.25	+5	+4	30.21	65.82	0	−8
5	30.56	36.86	−1	+8	28.39	27.36	+6	+3	28.32	16.86	+6	0	30.30	65.48	−2	−7
6	30.46	36.61	+2	+10	28.35	27.01	+5	−1	28.35	16.48	+4	−4	30.40	65.15	−4	−4
7	30.36	36.36	+4	+9	28.32	26.65	+4	−5	28.38	16.09	+2	−6	30.50	64.82	−4	0
8	30.26	36.10	+6	+6	28.29	26.28	+1	−7	28.42	15.70	0	−7	30.60	64.49	−4	+4
9	30.17	35.84	+6	+2	28.26	25.92	−1	−6	28.46	15.32	−2	−5	30.70	64.16	−3	+8
10	30.08	35.58	+5	−3	28.23	25.56	−3	−4	28.50	14.94	−4	−2	30.80	63.83	−1	+10
11	29.99	35.31	+3	−6	28.21	25.19	−4	−1	28.54	14.56	−4	+2	30.91	63.51	+1	+10
12	29.90	35.04	0	−7	28.19	24.82	−4	+3	28.59	14.18	−4	+6	31.01	63.19	+3	+9
13	29.81	34.76	−2	−6	28.17	24.46	−3	+7	28.63	13.80	−2	+9	31.12	62.87	+4	+7
14	29.72	34.48	−4	−3	28.16	24.09	−2	+9	28.68	13.43	0	+10	31.23	62.56	+5	+3
15	29.64	34.19	−5	0	28.15	23.71	0	+10	28.73	13.05	+2	+10	31.34	62.25	+5	0
16	29.56	33.90	−4	+4	28.14	23.34	+2	+9	28.78	12.67	+3	+9	31.46	61.94	+4	−4
17	29.48	33.61	−3	+7	28.13	22.96	+4	+7	28.84	12.30	+4	+6	31.57	61.64	+2	−8
18	29.40	33.31	−1	+9	28.12	22.59	+4	+4	28.90	11.92	+5	+2	31.69	61.34	0	−10
19	29.32	33.01	+1	+9	28.12	22.21	+5	0	28.96	11.55	+4	−2	31.81	61.04	−2	−11
20	29.25	32.70	+3	+8	28.12	21.83	+4	−4	29.02	11.18	+3	−6	31.93	60.75	−4	−9
21	29.18	32.39	+4	+6	28.12	21.46	+2	−8	29.09	10.81	+1	−9	32.05	60.46	−6	−6
22	29.11	32.08	+5	+2	28.12	21.08	0	−10	29.16	10.44	−1	−10	32.18	60.17	−6	−3
23	29.04	31.76	+4	−2	28.13	20.70	−2	−12	29.23	10.07	−3	−11	32.30	59.89	−5	+2
24	28.98	31.44	+3	−6	28.14	20.32	−4	−11	29.30	9.71	−5	−9	32.43	59.61	−3	+5
25	28.92	31.12	+1	−9	28.15	19.93	−6	−8	29.37	9.35	−6	−5	32.56	59.33	0	+8
26	28.86	30.79	−1	−11	28.16	19.55	−6	−4	29.44	8.99	−6	−1	32.69	59.06	+2	+8
27	28.80	30.46	−3	−12	28.17	19.16	−6	0	29.52	8.63	−4	+3	32.82	58.79	+4	+6
28	28.74	30.13	−5	−10	28.19	18.78	−4	+4	29.60	8.27	−2	+6	32.95	58.53	+5	+2
29	28.69	29.79	−6	−7	28.21	18.40	−1	+7	29.68	7.91	+1	+8	33.09	58.27	+5	−2
30	28.64	29.45	−6	−2					29.76	7.56	+3	+7	33.22	58.01	+4	−6
31	28.59	29.11	−5	+3					29.85	7.21	+5	+4	33.36	57.76	+1	−8
32	28.54	28.76	−2	+6					29.94	6.86	+5	+1				

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−81° 42′ 50″	6.939	−6.866	−81° 43′ 10″	6.943	−6.871	−81° 43′ 30″	6.948	−6.876
60	6.941	−6.869	20	6.946	−6.873	40	6.950	−6.878

$\alpha_{1935.0} = 22^h\ 39^m\ 31^s.91$ $\delta_{1935.0} = -81°\ 43'\ 24''.06$

*) Tag der doppelten unteren Kulmination: März 3.

Si) β Octantis $4^m\!.34$

Tag	Mai AR.	Mai Dekl.	Mai ☾ Glieder		Juni AR.	Juni Dekl.	Juni ☾ Glieder		Juli AR.	Juli Dekl.	Juli ☾ Glieder		August AR.	August Dekl.	August ☾ Glieder	
	$22^h 39^m$	−81° 42′	in 0.01s	in 0.01″	$22^h 39^m$	−81° 42′	in 0.01s	in 0.01″	$22^h 39^m$	−81° 42′	in 0.01s	in 0.01″	$22^h 39^m$	−81° 42′	in 0.01s	in 0.01″
1	33.36	57.76	+1	−8	38.02	52.27	−5	0	42.72	51.72	−1	+9	46.59	56.04	+5	+5
2	33.49	57.51	−1	−8	38.18	52.17	−4	+4	42.87	51.78	+1	+10	46.68	56.25	+5	+1
3	33.63	57.27	−3	−6	38.34	52.08	−3	+8	43.01	51.85	+3	+9	46.78	56.47	+4	−3
4	33.77	57.03	−4	−2	38.50	51.99	−1	+10	43.16	51.93	+4	+7	46.87	56.69	+3	−6
5	33.91	56.80	−4	+2	38.66	51.91	+1	+10	43.30	52.01	+5	+4	46.96	56.91	+1	−9
6	34.05	56.57	−3	+6	38.82	51.84	+3	+9	43.44	52.10	+5	0	47.05	57.14	−1	−11
7	34.19	56.35	−2	+9	38.98	51.77	+4	+6	43.58	52.19	+4	−4	47.13	57.37	−4	−11
8	34.34	56.13	0	+10	39.14	51.70	+5	+2	43.72	52.28	+2	−7	47.21	57.60	−5	−9
9	34.48	55.92	+2	+10	39.30	51.64	+4	−2	43.86	52.38	0	−10	47.29	57.84	−6	−6
10	34.62	55.71	+4	+8	39.46	51.59	+3	−5	43.99	52.49	−2	−11	47.37	58.08	−6	−2
11	34.77	55.50	+5	+5	39.62	51.54	+1	−8	44.13	52.60	−4	−10	47.44	58.32	−4	+2
12	34.92	55.30	+5	+1	39.78	51.50	−1	−10	44.26	52.72	−6	−8	47.52	58.57	−2	+6
13	35.07	55.10	+4	−3	39.94	51.46	−3	−10	44.40	52.84	−6	−4	47.59	58.82	+1	+8
14	35.22	54.90	+3	−6	40.10	51.43	−5	−9	44.53	52.97	−5	+1	47.66	59.07	+3	+7
15	35.37	54.71	+1	−9	40.26	51.40	−6	−6	44.66	53.10	−3	+5	47.72	59.32	+5	+5
16	35.52	54.52	−1	−10	40.42	51.38	−6	−2	44.79	53.24	−1	+7	47.78	59.58	+6	+1
17	35.67	54.34	−4	−10	40.57	51.36	−4	+3	44.92	53.38	+2	+8	47.84	59.84	+5	−3
18	35.83	54.17	−5	−8	40.73	51.35	−2	+6	45.04	53.53	+4	+7	47.90	60.10	+3	−6
19	35.98	54.00	−6	−4	40.89	51.34	0	+8	45.16	53.68	+5	+4	47.96	60.37	+1	−7
20	36.14	53.84	−5	0	41.04	51.34	+3	+8	45.28	53.84	+6	0	48.01	60.63	−2	−6
21	36.29	53.68	−4	+4	41.20	51.35	+5	+6	45.40	54.00	+4	−4	48.06	60.90	−3	−4
22	36.45	53.52	−1	+7	41.36	51.36	+6	+2	45.52	54.16	+2	−6	48.11	61.17	−4	0
23	36.60	53.37	+1	+9	41.51	51.38	+5	−2	45.64	54.33	0	−7	48.15	61.45	−4	+4
24	36.76	53.23	+4	+7	41.67	51.40	+3	−6	45.75	54.50	−3	−6	48.19	61.73	−3	+8
25	36.91	53.09	+5	+4	41.82	51.43	+1	−8	45.86	54.68	−4	−3	48.23	62.01	−1	+10
26	37.07	52.96	+5	0	41.98	51.47	−2	−8	45.97	54.86	−5	+1	48.27	62.29	+1	+11
27	37.23	52.83	+4	−4	42.13	51.51	−4	−5	46.08	55.05	−4	+5	48.30	62.57	+3	+10
28	37.39	52.71	+2	−7	42.28	51.55	−5	−2	46.18	55.24	−2	+9	48.33	62.86	+4	+7
29	37.54	52.59	0	−8	42.43	51.60	−4	+2	46.29	55.43	0	+10	48.35	63.14	+5	+3
30	37.70	52.48	−3	−7	42.57	51.66	−3	+6	46.39	55.63	+2	+10	48.38	63.43	+4	−1
31	37.86	52.37	−4	−4	42.72	51.72	−1	+9	46.49	55.83	+4	+8	48.40	63.71	+3	−5
32	38.02	52.27	−5	0					46.59	56.04	+5	+5	48.42 48.44	64.00 64.29	+2 0	−8 −10

δ	sec δ	tg δ	δ	sec δ	tg δ
−81° 42′ 50″	6.939	−6.866	−81° 43′ 0″	6.941	−6.869
60	6.941	−6.869	10	6.943	−6.871

$\alpha_{1935.0} = 22^h\ 39^m\ 31^s\!.91$ $\delta_{1935.0} = -81°\ 43'\ 24''\!.06$

Scheinbare Sternörter 1935

Obere Kulmination Greenwich

Si) β Octantis $4^m.34$

Tag	September				Oktober				November				Dezember			
	AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder	
		—	in			—	in			—	in			—	in	
	$22^h 39^m$	$81° 43'$	$0^s.01$	$0''.01$	$22^h 39^m$	$81° 43'$	$0^s.01$	$0''.01$	$22^h 39^m$	$81° 43'$	$0^s.01$	$0''.01$	$22^h 39^m$	$81° 43'$	$0^s.01$	$0''.01$
1	$48^s.42$ / 48.44	$4''.00$ / 4.29	+2 / 0	−8 / −10	$47^s.63$	$12''.94$	−5	−8	$44^s.50$	$19''.58$	−2	+5	$40^s.32$	$21''.27$	+4	+6
2	48.45	4.58	−3	−10	47.56	13.21	−6	−5	44.37	19.72	0	+7	40.18	21.23	+5	+3
3	48.46	4.87	−5	−10	47.49	13.48	−5	−1	44.24	19.85	+2	+7	40.04	21.18	+5	−1
4	48.47	5.17	−6	−7	47.42	13.74	−4	+3	44.11	19.98	+4	+4	39.90	21.12	+4	−5
5	48.47	5.46	−6	−3	47.35	14.00	−2	+6	43.98	20.10	+5	+1	39.76	21.06	+2	−8
6	48.47	5.75	−5	+1	47.27	14.26	+1	+7	43.85	20.22	+5	−3	39.62	21.00	−1	−9
7	48.47	6.05	−3	+4	47.19	14.51	+3	+6	43.72	20.34	+3	−7	39.48	20.93	−3	−7
8	48.47	6.34	−1	+6	47.11	14.76	+5	+3	43.58	20.45	0	−9	39.34	20.85	−4	−4
9	48.47	6.63	+2	+7	47.02	15.01	+5	−1	43.44	20.55	−2	−8	39.20	20.77	−5	+1
10	48.46	6.93	+4	+5	46.93	15.25	+4	−5	43.31	20.65	−4	−6	39.06	20.68	−4	+5
11	48.45	7.22	+5	+2	46.84	15.49	+2	−7	43.17	20.74	−5	−2	38.92	20.58	−2	+9
12	48.43	7.52	+5	−2	46.75	15.73	0	−8	43.03	20.82	−4	+3	38.78	20.48	0	+11
13	48.41	7.82	+4	−5	46.66	15.96	−2	−7	42.89	20.90	−3	+7	38.65	20.37	+2	+11
14	48.39	8.11	+1	−7	46.56	16.19	−4	−4	42.75	20.97	−1	+10	38.51	20.25	+4	+9
15	48.37	8.41	−1	−7	46.46	16.41	−4	+1	42.61	21.04	+1	+11	38.38	20.13	+5	+6
16	48.34	8.70	−3	−5	46.36	16.63	−4	+5	42.47	21.10	+3	+10	38.25	20.00	+5	+2
17	48.31	8.99	−4	−1	46.25	16.85	−2	+9	42.33	21.16	+5	+8	38.11	19.87	+4	−2
18	48.28	9.29	−4	+3	46.15	17.06	0	+11	42.19	21.21	+5	+4	37.98	19.73	+3	−6
19	48.25	9.58	−3	+7	46.04	17.27	+2	+11	42.04	21.25	+5	0	37.85	19.59	+1	−8
20	48.21	9.87	−1	+10	45.93	17.48	+4	+10	41.90	21.29	+4	−3	37.72	19.44	−1	−9
21	48.17	10.16	+1	+11	45.82	17.68	+5	+7	41.76	21.32	+2	−6	37.60	19.28	−3	−9
22	48.13	10.44	+3	+11	45.71	17.88	+5	+3	41.61	21.35	0	−9	37.48	19.12	−5	−7
23	48.09	10.73	+4	+8	45.60	18.07	+5	−1	41.47	21.37	−2	−9	37.35	18.95	−5	−5
24	48.04	11.01	+5	+5	45.48	18.26	+3	−5	41.32	21.38	−4	−9	37.23	18.78	−5	−1
25	47.99	11.29	+5	+1	45.37	18.44	+1	−8	41.18	21.38	−5	−6	37.11	18.60	−4	+3
26	47.94	11.57	+4	−3	45.25	18.62	−1	−9	41.04	21.38	−5	−3	36.99	18.41	−2	+6
27	47.88	11.85	+2	−6	45.13	18.79	−3	−9	40.89	21.37	−5	+1	36.87	18.22	+1	+8
28	47.82	12.13	+1	−9	45.01	18.96	−5	−8	40.75	21.36	−3	+4	36.75	18.02	+3	+7
29	47.76	12.40	−2	−10	44.88	19.12	−5	−5	40.61	21.34	−1	+7	36.63	17.82	+5	+5
30	47.70	12.67	−4	−10	44.76	19.28	−6	−2	40.46	21.31	+1	+7	36.52	17.61	+5	+1
31	47.63	12.94	−5	−8	44.63	19.43	−5	+2	40.32	21.27	+4	+6	36.40	17.40	+5	−3
32					44.50	19.58	−2	+5					36.29	17.18	+3	−7

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−81° 43′ 0″	6.941	−6.869	−81° 43′ 10″	6.943	−6.871	−81° 43′ 20″	6.946	−6.873
10	6.943	−6.871	20	6.946	−6.873	30	6.948	−6.876

$\alpha_{1935.0} = 22^h\ 39^m\ 31^s.91$ $\delta_{1935.0} = -81°\ 43'\ 24''.06$

Scheinbare Sternörter 1935

Obere Kulmination Greenwich

Sk) τ Octantis $5^{m}.56$

Tag	Januar AR.	Januar Dekl.	Januar ☾ Glieder		Februar AR.	Februar Dekl.	Februar ☾ Glieder		März AR.	März Dekl.	März ☾ Glieder		April AR.	April Dekl.	April ☾ Glieder	
	$23^h 18^m$	— 87° 50′	in $0^s.01$	in $0''.01$	$23^h 18^m$	— 87° 50′	in $0^s.01$	in $0''.01$	$23^h 18^m$	— 87° 50′	in $0^s.01$	in $0''.01$	$23^h 18^m$	— 87° 49′	in $0^s.01$	in $0''.01$
1	$62^s.94$	$37''.64$	−14	−10	$49^s.98$	$29''.29$	−13	+ 5	$44^s.86$	$18''.94$	− 8	+ 6	$47^s.27$	$66''.87$	+19	+ 2
2	62.43	37.45	−19	− 6	49.68	28.95	− 4	+ 8	44.80	18.54	+ 1	+ 8	47.48	66.50	+19	− 2
3	61.92	37.25	−20	− 1	49.39	28.61	+ 5	+ 9	44.76	18.15	+11	+ 8	47.70	66.13	+14	− 5
4	61.42	37.04	−17	+ 3	49.11	28.27	+14	+ 8	44.73	17.76	+18	+ 5	47.93	65.76	+ 6	− 7
5	60.93	36.83	− 9	+ 7	48.83	27.92	+19	+ 5	44.70	17.36	+20	+ 1	48.17	65.39	− 2	− 7
6	60.44	36.62	0	+10	48.57	27.57	+20	+ 1	44.68	16.97	+18	− 2	48.41	65.03	−10	− 5
7	59.95	36.40	+10	+ 9	48.31	27.22	+16	− 3	44.67	16.58	+12	− 5	48.66	64.67	−15	− 2
8	59.47	36.17	+17	+ 7	48.06	26.87	+ 9	− 6	44.67	16.18	+ 3	− 7	48.92	64.31	−17	+ 3
9	58.99	35.94	+20	+ 3	47.82	26.51	0	− 6	44.68	15.79	− 5	− 6	49.19	63.95	−15	+ 6
10	58.52	35.70	+19	− 1	47.59	26.15	− 9	− 5	44.70	15.39	−12	− 3	49.47	63.60	−10	+ 9
11	58.06	35.45	+14	− 4	47.37	25.79	−14	− 2	44.72	15.00	−17	0	49.75	63.25	− 3	+10
12	57.61	35.20	+ 5	− 6	47.15	25.42	−17	+ 2	*)44.76	14.61	−17	+ 4	50.04	62.90	+ 4	+10
13	57.16	34.95	− 4	− 6	46.94	25.05	−16	+ 5	44.80	14.21	−13	+ 8	50.34	62.55	+10	+ 8
14	56.72	34.69	−11	− 4	46.74	24.68	−12	+ 8	44.86	13.82	− 7	+10	50.64	62.21	+15	+ 5
15	56.28	34.43	−16	− 1	46.55	24.31	− 5	+ 9	44.92	13.43	0	+10	50.95	61.87	+17	+ 1
16	55.85	34.16	−17	+ 3	46.37	23.94	+ 2	+10	44.99	13.03	+ 6	+ 9	51.27	61.53	+16	− 3
17	55.43	33.89	−15	+ 6	46.20	23.56	+ 8	+ 8	45.07	12.64	+12	+ 7	51.59	61.19	+12	− 7
18	55.01	33.61	−10	+ 8	46.04	23.19	+13	+ 5	45.16	12.24	+16	+ 3	51.92	60.86	+ 6	− 9
19	54.60	33.33	− 2	+ 9	45.89	22.81	+16	+ 1	45.26	11.85	+16	− 1	52.26	60.53	− 1	−11
20	54.20	33.04	+ 4	+ 9	45.74	22.43	+16	− 3	45.37	11.46	+15	− 5	52.61	60.20	− 9	−10
21	53.81	32.75	+10	+ 7	45.61	22.05	+13	− 7	45.48	11.07	+10	− 8	52.96	59.88	−16	− 8
22	53.42	32.45	+15	+ 3	45.49	21.66	+ 7	−10	45.60	10.69	+ 3	−10	53.32	59.56	−19	− 4
23	53.04	32.15	+16	− 1	45.37	21.28	0	−12	45.73	10.30	− 5	−11	53.68	59.24	−18	0
24	52.67	31.85	+15	− 5	45.26	20.89	− 8	−12	45.87	9.91	−12	−10	54.05	58.93	−14	+ 4
25	52.31	31.54	+11	− 8	45.16	20.50	−15	−10	46.01	9.53	−18	− 7	54.43	58.62	− 6	+ 7
26	51.95	31.23	+ 5	−11	45.07	20.11	−19	− 6	46.17	9.14	−20	− 3	54.82	58.32	+ 3	+ 8
27	51.60	30.92	− 3	−12	44.99	19.72	−20	− 1	46.33	8.76	−18	+ 1	55.21	58.02	+12	+ 7
28	51.25	30.60	−11	−11	44.92	19.33	−16	+ 3	46.50	8.38	−12	+ 5	55.61	57.72	+18	+ 4
29	50.92	30.28	−17	− 8	44.86	18.94	− 8	+ 6	46.68	8.00	− 3	+ 7	56.01	57.43	+19	0
30	50.60	29.95	−20	− 4					46.87	7.62	+ 7	+ 8	56.42	57.14	+16	− 4
31	50.29	29.62	−18	+ 1					47.07	7.25	+14	+ 6	56.84	56.85	+10	− 7
32	49.98	29.29	−13	+ 5					47.27	6.87	+19	+ 2				

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−87° 49′ 50″	26.417	−26.398	−87° 50′ 10″	26.484	−26.466	−87° 50′ 30″	26.553	−26.534
60	26.451	−26.432	20	26.518	−26.500	40	26.587	−26.568

$\alpha_{1935.0} = 23^h\ 19^m\ 4^s.70$ $\delta_{1935.0} = -87°\ 50'\ 23''.44$

*) Tag der doppelten unteren Kulmination: März 12.

Scheinbare Sternörter 1935

Obere Kulmination Greenwich

Sk) τ Octantis $5^{m}.56$

Tag	Mai				Juni				Juli				August			
	AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder	
		—	in			—	in			—	in			—	in	
	$23^h 18^m$	87° 49′	$0^s.01$	$0''.01$	$23^h 19^m$	87° 49′	$0^s.01$	$0''.01$	$23^h 19^m$	87° 49′	$0^s.01$	$0''.01$	$23^h 19^m$	87° 49′	$0^s.01$	$0''.01$
1	$56^s.84$	$56''.85$	+10	− 7	$12^s.05$	$50''.14$	−17	− 1	$28^s.77$	$48''.41$	−11	+ 8	$43^s.95$	$51''.82$	+13	+ 6
2	57.26	56.57	+ 1	− 8	12.59	50.00	−17	+ 3	29.31	48.44	− 4	+10	44.35	52.01	+16	+ 3
3	57.69	56.29	− 8	− 7	13.14	49.87	−15	+ 6	29.86	48.48	+ 3	+10	44.75	52.20	+16	− 1
4	58.12	56.01	−14	− 4	13.69	49.74	− 9	+ 9	30.40	48.52	+10	+ 8	45.14	52.40	+14	− 5
5	58.56	55.74	−17	0	14.25	49.62	− 2	+10	30.94	48.57	+14	+ 5	45.52	52.60	+ 9	− 8
6	59.00	55.47	−16	+ 4	14.80	49.50	+ 6	+ 9	31.48	48.62	+16	+ 1	45.89	52.81	+ 2	−10
7	59.45	55.21	−12	+ 8	15.36	49.39	+12	+ 7	32.01	48.68	+16	− 3	46.26	53.02	− 5	−11
8	59.90	54.95	− 6	+10	15.91	49.28	+15	+ 4	32.54	48.74	+12	− 7	46.62	53.24	−12	−10
9	60.36	54.70	+ 1	+10	16.47	49.18	+16	0	33.07	48.81	+ 6	− 9	46.97	53.46	−17	− 7
10	60.82	54.45	+ 8	+ 9	17.03	49.09	+15	− 4	33.59	48.89	− 1	−11	47.31	53.68	−19	− 3
11	61.29	54.20	+13	+ 6	17.58	49.00	+10	− 8	34.11	48.97	− 8	−11	47.65	53.91	−17	+ 1
12	61.76	53.96	+16	+ 2	18.14	48.92	+ 4	−10	34.63	49.05	−15	− 9	47.98	54.14	−11	+ 5
13	62.24	53.72	+16	− 1	18.70	48.84	− 3	−11	35.14	49.14	−19	− 6	48.30	54.37	− 3	+ 7
14	62.73	53.49	+14	− 5	19.26	48.77	−11	−10	35.65	49.23	−19	− 1	48.62	54.61	+ 6	+ 8
15	63.22	53.26	+ 8	− 8	19.83	48.71	−16	− 7	36.15	49.33	−15	+ 3	48.93	54.85	+14	+ 6
16	63.71	53.04	+ 1	−10	20.39	48.65	−19	− 3	36.65	49.44	− 8	+ 7	49.22	55.10	+18	+ 3
17	64.21	52.82	− 6	−10	20.95	48.59	−18	+ 1	37.15	49.55	+ 1	+ 8	49.51	55.35	+19	− 1
18	64.71	52.61	−13	− 9	21.52	48.54	−12	+ 5	37.64	49.66	+10	+ 8	49.79	55.60	+14	− 4
19	65.21	52.40	−18	− 6	22.08	48.50	− 4	+ 8	38.12	49.78	+17	+ 6	50.06	55.86	+ 7	− 7
20	65.72	52.20	−19	− 1	22.64	48.46	+ 5	+ 9	38.60	49.91	+20	+ 2	50.32	56.11	− 2	− 7
21	66.23	52.00	−16	+ 3	23.21	48.43	+13	+ 7	39.08	50.04	+18	− 2	50.57	56.37	−10	− 5
22	66.74	51.80	−10	+ 7	23.77	48.40	+18	+ 4	39.55	50.18	+12	− 5	50.81	56.63	−15	− 1
23	67.26	51.61	0	+ 8	24.33	48.38	+19	0	40.01	50.32	+ 3	− 7	51.05	56.90	−17	+ 3
24	67.78	51.43	+ 9	+ 8	24.89	48.37	+15	− 4	40.47	50.47	− 6	− 6	51.27	57.17	−15	+ 7
25	68.30	51.25	+16	+ 6	25.45	48.36	+ 8	− 7	40.93	50.62	−13	− 4	51.48	57.44	− 9	+ 9
26	68.83	51.08	+19	+ 2	26.01	48.35	− 1	− 8	41.38	50.78	−17	0	51.68	57.72	− 2	+11
27	69.36	50.91	+18	− 3	26.57	48.35	− 9	− 6	41.82	50.94	−17	+ 4	51.88	58.00	+ 5	+10
28	69.89	50.75	+13	− 6	27.12	48.36	−15	− 3	42.26	51.11	−13	+ 7	52.07	58.28	+11	+ 8
29	70.43	50.59	+ 4	− 8	27.67	48.37	−17	+ 1	42.69	51.28	− 7	+10	52.24	58.56	+15	+ 5
30	70.97	50.44	− 4	− 8	28.22	48.39	−16	+ 5	43.12	51.46	0	+10	52.41	58.85	+16	+ 1
31	71.51	50.29	−12	− 5	28.77	48.41	−11	+ 8	43.54	51.64	+ 7	+ 9	52.56	59.13	+15	− 3
32	72.05	50.14	−17	− 1					43.95	51.82	+13	+ 6	52.70	59.42	+11	− 7

δ	sec δ	tg δ	δ	sec δ	tg δ
−87° 49′ 40″	26.383	−26.364	−87° 49′ 50″	26.417	−26.398
50	26.417	−26.398	60	26.451	−26.432

$\alpha_{1935.0} = 23^h\ 19^m\ 4^s.70$ $\delta_{1935.0} = -87°\ 50'\ 23''.44$

Scheinbare Sternörter 1935

Obere Kulmination Greenwich

Sk) τ Octantis $5^m.56$

Tag	September AR.	September Dekl.	September ☾ Glieder		Oktober AR.	Oktober Dekl.	Oktober ☾ Glieder		November AR.	November Dekl.	November ☾ Glieder		Dezember AR.	Dezember Dekl.	Dezember ☾ Glieder	
	$23^h 19^m$	−87° 49′	in $0^s.01$	in $0''.01$	$23^h 19^m$	−87° 50′	in $0^s.01$	in $0''.01$	$23^h 19^m$	−87° 50′	in $0^s.01$	in $0''.01$	$23^h 19^m$	−87° 50′	in $0^s.01$	in $0''.01$
1	$52^s.70$	$59''.42$	+11	−7	$52^s.02$	$8''.74$	−13	−9	$41^s.67$	$16''.43$	−12	+4	$25^s.53$	$19''.43$	+9	+7
2	52.84	59.71	+5	−9	51.83	9.03	−18	−6	41.20	16.61	−5	+6	24.94	19.43	+15	+4
3	52.97	60.00	−2	−11	51.62	9.32	−19	−2	40.73	16.79	+4	+7	24.36	19.43	+18	0
4	53.08	60.30	−10	−11	51.41	9.61	−16	+1	40.25	16.96	+12	+5	23.77	19.42	+17	−4
5	53.19	60.59	−16	−9	51.18	9.90	−10	+5	39.76	17.13	+17	+2	23.19	19.40	+11	−7
6	53.29	60.89	−19	−5	50.95	10.19	−2	+6	39.27	17.29	+18	−2	22.61	19.38	+3	−9
7	53.37	61.19	−19	−1	50.71	10.47	+7	+6	38.77	17.45	+15	−6	22.02	19.35	−6	−8
8	53.44	61.49	−14	+3	50.46	10.75	+15	+4	38.27	17.60	+8	−8	21.44	19.32	−13	−5
9	53.50	61.79	−7	+6	50.20	11.03	+18	+1	37.76	17.74	−1	−8	20.86	19.28	−17	−1
10	53.55	62.09	+2	+7	49.93	11.30	+18	−3	37.24	17.88	−9	−7	20.27	19.23	−17	+4
11	53.60 / 53.63	62.39 / 62.70	+11 / +17	+6 / +4	49.64	11.57	+13	−6	36.72	18.02	−15	−3	19.69	19.17	−13	+8
12	53.65	63.00	+19	0	49.35	11.84	+5	−8	36.20	18.15	−17	+1	19.11	19.11	−6	+10
13	53.66	63.31	+16	−4	49.05	12.11	−4	−7	35.67	18.27	−15	+6	18.53	19.04	+2	+11
14	53.66	63.61	+10	−6	48.74	12.37	−12	−5	35.14	18.39	−10	+9	17.95	18.97	+9	+10
15	53.64	63.92	+1	−7	48.42	12.63	−16	−1	34.60	18.50	−3	+11	17.37	18.89	+14	+7
16	53.62	64.22	−7	−6	48.09	12.88	−17	+4	34.06	18.60	+5	+11	16.80	18.80	+17	+3
17	53.59	64.53	−14	−3	47.75	13.13	−14	+8	33.51	18.70	+11	+9	16.22	18.70	+16	−1
18	53.55	64.83	−17	+1	47.41	13.38	−8	+10	32.96	18.79	+15	+6	15.65	18.60	+13	−4
19	53.50	65.14	−16	+6	47.06	13.63	0	+11	32.40	18.88	+17	+2	15.08	18.49	+8	−7
20	53.43	65.44	−12	+9	46.70	13.87	+7	+10	31.84	18.96	+16	−2	14.51	18.38	+2	−9
21	53.35	65.75	−5	+11	46.32	14.11	+13	+8	31.28	19.03	+12	−5	13.95	18.26	−6	−10
22	53.27	66.05	+2	+11	45.93	14.34	+16	+4	30.72	19.10	+6	−8	13.39	18.13	−12	−9
23	53.17	66.36	+9	+9	45.54	14.57	+16	0	30.15	19.16	−1	−9	12.83	18.00	−16	−6
24	53.07	66.66	+14	+6	45.14	14.79	+14	−3	29.57	19.22	−8	−9	12.28	17.86	−18	−2
25	52.95	66.96	+16	+3	44.73	15.01	+10	−7	29.00	19.27	−14	−8	11.73	17.72	−16	+2
26	52.82	67.26	+16	−1	44.31	15.22	+3	−9	28.43	19.31	−18	−5	11.18	17.57	−11	+5
27	52.68	67.55	+13	−5	43.89	15.43	−4	−10	27.85	19.35	−18	−1	10.64	17.41	−3	+7
28	52.53	67.85	+7	−8	43.46	15.64	−11	−9	27.27	19.38	−14	+3	10.10	17.25	+6	+8
29	52.37	68.15	0	−10	43.02	15.85	−16	−7	26.70	19.40	−8	+6	9.57	17.08	+13	+6
30	52.20	68.44	−7	−10	42.58	16.05	−18	−3	26.12	19.42	0	+7	9.04	16.91	+18	+2
31	52.02	68.74	−13	−9	42.13	16.24	−17	0	25.53	19.43	+9	+7	8.52	16.73	+18	−2
32					41.67	16.43	−12	+4					8.00	16.55	+14	−6

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−87° 49′ 50″	26.417	−26.398	−87° 50′ 0″	26.451	−26.432	−87° 50′ 10″	26.484	−26.466
60	26.451	−26.432	10	26.484	−26.466	20	26.518	−26.500

$\alpha_{1935.0} = 23^h\ 19^m\ 4^s.70$ $\delta_{1935.0} = -87°\ 50'\ 23''.44$

Polnahe Sterne 1935

Koordinaten der scheinbaren Örter für 12^h Sternzeit Greenwich

Tag	BD +89° 1 Gr. 10^m56		BD +89° 3 Gr. 9^m06		BD +89° 37 Gr. 10^m06		CPD −89° 38 Gr. 9^m5		Kurzperiod. Nutationsgl.*)	
1935	x	y	x	y	x	y	x	y	in 0.″01	
Jan. 0	−205.″51	+71.″81	− 5.″07	+856.″32	−987.″71	−351.″55	−141.″31	−305.″98	+12	− 2
1	205.53	71.48	5.09	855.99	987.73	351.88	141.17	306.31	+12	+ 3
2	205.54	71.15	5.10	855.66	987.74	352.21	141.03	306.64	+ 9	+ 7
3	205.54	70.82	5.11	855.33	987.75	352.54	140.88	306.96	+ 6	+10
4	205.53	70.50	5.11	855.00	987.74	352.87	140.72	307.28	+ 1	+10
5	−205.52	+70.17	− 5.10	+854.68	−987.73	−353.19	−140.56	−307.60	− 4	+ 8
6	205.51	69.85	5.08	854.35	987.72	353.52	140.40	307.92	− 8	+ 5
7	205.49	69.52	5.06	854.03	987.70	353.84	140.23	308.24	−10	− 1
8	205.46	69.20	5.03	853.70	987.67	354.17	140.05	308.56	− 9	− 6
9	205.43	68.88	5.00	853.38	987.63	354.49	139.87	308.87	− 7	− 9
10	−205.39	+68.56	− 4.96	+853.06	−987.59	−354.81	−139.68	−309.18	− 3	−11
11	205.34	68.24	4.91	852.75	987.54	355.13	139.48	309.49	+ 1	−10
12	205.28	67.92	4.86	852.43	987.49	355.45	139.28	309.80	+ 5	− 6
13	205.22	67.61	4.80	852.12	987.43	355.77	139.08	310.10	+ 6	− 2
14	205.15	67.29	4.73	851.81	987.36	356.08	138.87	310.40	+ 6	+ 3
15	−205.08	+66.98	− 4.66	+851.50	−987.29	−356.39	−138.65	−310.69	+ 4	+ 7
16	205.00	66.67	4.58	851.19	987.21	356.70	138.43	310.99	+ 1	+ 9
17	204.91	66.36	4.49	850.88	987.12	357.01	138.20	311.28	− 3	+10
18	204.82	66.06	4.40	850.57	987.03	357.32	137.97	311.57	− 6	+ 9
19	204.72	65.75	4.30	850.27	986.93	357.63	137.73	311.86	− 8	+ 5
20	−204.62	+65.45	− 4.19	+849.97	−986.82	−357.93	−137.48	−312.14	− 9	+ 2
21	204.51	65.15	4.08	849.67	986.71	358.23	137.23	312.42	− 8	− 2
22	204.39	64.85	3.96	849.37	986.59	358.53	136.98	312.70	− 6	− 6
23	204.26	64.56	3.84	849.08	986.47	358.82	136.72	312.97	− 3	− 8
24	204.13	64.27	3.71	848.79	986.34	359.12	136.45	313.24	+ 1	− 9
25	−204.00	+63.98	− 3.58	+848.50	−986.21	−359.40	−136.19	−313.50	+ 5	− 9
26	203.85	63.70	3.44	848.22	986.07	359.69	135.91	313.76	+ 9	− 7
27	203.71	63.42	3.29	847.94	985.92	359.97	135.64	314.02	+11	− 3
28	203.56	63.14	3.14	847.66	985.77	360.25	135.36	314.28	+12	+ 1
29	203.40	62.87	2.98	847.39	985.61	360.52	135.07	314.53	+11	+ 5
30	−203.24	+62.60	− 2.82	+847.12	−985.45	−360.79	−134.78	−314.78	+ 8	+ 9
31	203.07	62.33	2.65	846.85	985.28	361.06	134.49	315.02	+ 3	+10
Febr. 1	202.89	62.07	2.48	846.59	985.10	361.32	134.19	315.26	− 2	+ 9
2	202.71	61.81	2.30	846.33	984.92	361.58	133.89	315.49	− 6	+ 6
3	202.53	61.55	2.11	846.07	984.74	361.84	133.58	315.73	− 9	+ 2
4	−202.34	+61.30	− 1.92	+845.82	−984.55	−362.09	−133.27	−315.95	− 9	− 3
5	202.14	61.05	1.73	845.58	984.35	362.34	132.95	316.17	− 8	− 8
6	−201.94	+60.81	− 1.53	+845.33	−984.15	−362.58	−132.64	−316.39	− 4	−10
Mittl. Ort	−179.″46	+79.″14	+21.″02	+863.″62	−961.″69	−344.″17	−126.″91	−307.″50		

*) Die Vorzeichen gelten für die drei nördlichen Sterne, für den südlichen sind sie umzukehren.

Polnahe Sterne 1935

Koordinaten der scheinbaren Örter für 12^h Sternzeit Greenwich

Tag	BD +89° 1 Gr. 10^{m}56		BD +89° 3 Gr. 9^{m}06		BD +89° 37 Gr. 10^{m}06		CPD −89° 38 Gr. 9^{m}5		Kurzperiod. Nutationsgl.*)	
1935	x	y	x	y	x	y	x	y	in 0.01″	
Febr. 6	−201.94″	+60.81″	− 1.53″	+845.33″	−984.15″	−362.58″	−132.64″	−316.39″	− 4	−10
7	201.74	60.57	1.32	845.10	983.95	362.82	132.31	316.61	0	−10
8	201.53	60.34	1.11	844.86	983.74	363.05	131.99	316.81	+ 3	− 8
9	201.31	60.11	0.90	844.63	983.52	363.28	131.66	317.02	+ 6	− 4
10	201.09	59.88	0.68	844.41	983.30	363.51	131.33	317.22	+ 6	+ 1
11	−200.87	+59.66	− 0.46	+844.19	−983.08	−363.73	−130.99	−317.41	+ 5	+ 6
12	200.64	59.44	− 0.23	843.97	982.85	363.95	130.65	317.60	+ 2	+ 9
13	200.41	59.23	0.00	843.76	982.61	364.16	130.31	317.79	− 2	+10
14	200.17	59.03	+ 0.24	843.56	982.38	364.37	129.97	317.97	− 5	+ 9
15	199.93	58.83	0.48	843.36	982.13	364.57	129.62	318.15	− 8	+ 7
16	−199.68	+58.63	+ 0.73	+843.16	−981.89	−364.77	−129.27	−318.32	− 9	+ 3
17	199.43	58.44	0.98	842.97	981.64	364.96	128.92	318.49	− 9	− 1
18	199.18	58.26	1.23	842.79	981.38	365.14	128.56	318.65	− 7	− 4
19	198.92	58.08	1.49	842.61	981.12	365.32	128.20	318.81	− 5	− 7
20	198.66	57.90	1.75	842.43	980.86	365.50	127.84	318.97	− 1	− 9
21	−198.39	+57.73	+ 2.02	+842.26	−980.59	−365.67	−127.48	−319.12	+ 3	− 9
22	198.12	57.57	2.29	842.10	980.33	365.84	127.11	319.27	+ 7	− 8
23	197.85	57.41	2.56	841.94	980.05	365.99	126.74	319.41	+10	− 5
24	197.58	57.26	2.83	841.79	979.78	366.15	126.37	319.54	+12	− 1
25	197.30	57.11	3.11	841.64	979.50	366.29	126.00	319.67	+11	+ 4
26	−197.02	+56.97	+ 3.39	+841.50	−979.22	−366.43	−125.62	−319.80	+ 9	+ 8
27	196.74	56.84	3.67	841.37	978.94	366.57	125.25	319.92	+ 6	+10
28	196.45	56.71	3.96	841.24	978.66	366.70	124.87	320.03	+ 1	+10
März 1	196.16	56.59	4.25	841.12	978.37	366.82	124.49	320.14	− 4	+ 8
2	195.87	56.47	4.54	841.00	978.08	366.94	124.11	320.25	− 7	+ 4
3	−195.58	+56.36	+ 4.84	+840.89	−977.79	−367.05	−123.73	−320.35	− 8	− 1
4	195.28	56.25	5.13	840.79	977.49	367.16	123.34	320.45	− 8	− 6
5	194.98	56.16	5.43	840.69	977.19	367.26	122.96	320.54	− 5	−10
6	194.68	56.06	5.73	840.60	976.89	367.36	122.57	320.63	− 1	−11
7	194.38	55.98	6.03	840.51	976.59	367.44	122.18	320.71	+ 3	− 9
8	−194.08	+55.90	+ 6.33	+840.43	−976.29	−367.52	−121.80	−320.79	+ 5	− 6
9	193.78	55.82	6.64	840.36	975.99	367.60	121.41	320.86	+ 6	− 1
10	193.47	55.75	6.94	840.29	975.68	367.67	121.01	320.93	+ 5	+ 4
11	193.16	55.69	7.24	840.23	975.37	367.73	120.62	320.99	+ 3	+ 8
12	192.85	55.63	7.55	840.17	975.06	367.78	120.23	321.05	− 1	+10
13	−192.54	+55.58	+ 7.86	+840.12	−974.75	−367.83	−119.84	−321.10	− 4	+10
14	192.23	55.53	8.18	840.07	974.44	367.88	119.44	321.15	− 7	+ 8
15	−191.92	+55.49	+ 8.49	+840.03	−974.13	−367.92	−119.05	−321.19	− 9	+ 5
Mittl. Ort	−179.46″	+79.14″	+21.02″	+863.62″	−961.69″	−344.17″	−126.91″	−307.50″		

*) Die Vorzeichen gelten für die drei nördlichen Sterne, für den südlichen sind sie umzukehren.

Polnahe Sterne 1935

Koordinaten der scheinbaren Örter für 12^h Sternzeit Greenwich

Tag	BD +89° 1 Gr. $10^{\mathrm{m}}.56$		BD +89° 3 Gr. $9^{\mathrm{m}}.06$		BD +89° 37 Gr. $10^{\mathrm{m}}.06$		CPD −89° 38 Gr. $9^{\mathrm{m}}.5$		Kurzperiod. Nutationsgl.*)	
1935	x	y	x	y	x	y	x	y	in 0.″01	
März 15	−191.″92	+55.″49	+ 8.″49	+840.″03	−974.″13	−367.″92	−119.″05	−321.″19	− 9	+ 5
16	191.61	55.46	8.80	840.00	973.82	367.95	118.66	321.23	−10	+ 1
17	191.29	55.44	9.11	839.98	973.50	367.97	118.26	321.26	− 9	− 3
18	190.98	55.42	9.43	839.96	973.19	367.99	117.87	321.29	− 6	− 6
19	190.67	55.41	9.74	839.95	972.88	368.00	117.48	321.31	− 3	− 9
20	−190.36	+55.40	+10.05	+839.94	−972.57	−368.01	−117.08	−321.33	+ 1	− 9
21	190.04	55.40	10.36	839.94	972.25	368.01	116.69	321.34	+ 5	− 8
22	189.73	55.41	10.67	839.95	971.94	368.00	116.29	321.35	+ 8	− 6
23	189.42	55.42	10.98	839.96	971.63	367.99	115.89	321.35	+11	− 2
23	189.10	55.44	11.30	839.98	971.31	367.97	115.50	321.35	+11	+ 2
24	−188.79	+55.46	+11.61	+840.00	−971.00	−367.95	−115.11	−321.34	+10	+ 6
25	188.48	55.49	11.92	840.03	970.69	367.92	114.71	321.33	+ 7	+ 9
26	188.17	55.53	12.23	840.07	970.38	367.88	114.32	321.31	+ 3	+10
27	187.86	55.58	12.54	840.12	970.07	367.83	113.93	321.29	− 2	+ 9
28	187.56	55.63	12.84	840.17	969.76	367.78	113.54	321.26	− 6	+ 5
29	−187.25	+55.68	+13.15	+840.22	−969.45	−367.73	−113.15	−321.23	− 8	+ 1
30	186.94	55.75	13.46	840.29	969.15	367.66	112.77	321.19	− 8	− 4
31	186.64	55.82	13.76	840.36	968.84	367.59	112.38	321.15	− 5	− 8
April 1	186.34	55.89	14.06	840.43	968.54	367.52	111.99	321.10	− 2	−10
2	186.03	55.97	14.37	840.51	968.23	367.44	111.60	321.05	+ 2	−10
3	−185.74	+56.06	+14.66	+840.60	−967.94	−367.35	−111.22	−321.00	+ 5	− 7
4	185.44	56.15	14.96	840.69	967.64	367.26	110.83	320.94	+ 7	− 3
5	185.14	56.25	15.26	840.79	967.34	367.16	110.45	320.87	+ 7	+ 2
6	184.85	56.36	15.55	840.90	967.05	367.05	110.07	320.80	+ 4	+ 6
7	184.56	56.47	15.84	841.01	966.76	366.94	109.69	320.73	+ 1	+ 9
8	−184.26	+56.58	+16.14	+841.12	−966.46	−366.83	−109.32	−320.65	− 3	+10
9	183.98	56.70	16.42	841.24	966.18	366.71	108.94	320.56	− 6	+ 9
10	183.69	56.83	16.71	841.37	965.89	366.58	108.57	320.47	− 9	+ 6
11	183.41	56.96	16.99	841.50	965.61	366.45	108.20	320.38	−10	+ 2
12	183.13	57.10	17.27	841.64	965.33	366.31	107.82	320.28	− 9	− 2
13	−182.85	+57.25	+17.55	+841.78	−965.05	−366.17	−107.46	−320.18	− 7	− 5
14	182.58	57.40	17.82	841.93	964.78	366.02	107.09	320.07	− 4	− 8
15	182.31	57.55	18.09	842.09	964.51	365.86	106.73	319.96	− 1	− 9
16	182.04	57.71	18.36	842.24	964.24	365.71	106.37	319.84	+ 3	− 9
17	181.78	57.88	18.62	842.41	963.97	365.54	106.01	319.72	+ 7	− 7
18	−181.52	+58.05	+18.88	+842.58	−963.71	−365.37	−105.65	−319.60	+10	− 4
19	181.26	58.22	19.14	842.75	963.45	365.20	105.30	319.47	+11	0
20	−181.00	+58.40	+19.40	+842.93	−963.19	−365.02	−104.95	−319.34	+10	+ 5
Mittl. Ort	−179.″46	+79.″14	+21.″02	+863.″62	−961.″69	−344.″17	−126.″91	−307.″50		

*) Die Vorzeichen gelten für die drei nördlichen Sterne, für den südlichen sind sie umzukehren.

Polnahe Sterne 1935

Koordinaten der scheinbaren Örter für 12h Sternzeit Greenwich

Tag	BD +89° 1 Gr. 10m.56		BD +89° 3 Gr. 9m.06		BD +89° 37 Gr. 10m.06		CPD −89° 38 Gr. 9m.5		Kurzperiod. Nutationsgl.*)	
1935	x	y	x	y	x	y	x	y	in 0".01	
April 20	−181".00	+58".40	+19".40	+842".93	−963".19	−365".02	−104".95	−319".34	+10	+ 5
21	180.75	58.59	19.65	843.12	962.94	364.84	104.60	319.20	+ 8	+ 8
22	180.50	58.78	19.90	843.31	962.69	364.65	104.25	319.06	+ 4	+10
23	180.25	58.97	20.14	843.50	962.44	364.46	103.91	318.92	− 1	+ 9
24	180.01	59.17	20.38	843.70	962.20	364.26	103.56	318.77	− 5	+ 7
25	−179.78	+59.37	+20.62	+843.90	−961.97	−364.06	−103.23	−318.62	− 7	+ 3
26	179.54	59.58	20.85	844.11	961.73	363.85	102.89	318.46	− 8	− 2
27	179.32	59.79	21.08	844.33	961.51	363.64	102.56	318.29	− 7	− 7
28	179.09	60.01	21.30	844.54	961.28	363.42	102.23	318.13	− 3	−10
29	178.87	60.23	21.52	844.76	961.06	363.20	101.91	317.96	+ 1	−10
30	−178.66	+60.45	+21.73	+844.99	−960.85	−362.97	−101.59	−317.78	+ 5	− 9
Mai 1	178.45	60.68	21.94	845.22	960.64	362.74	101.27	317.60	+ 7	− 5
2	178.24	60.92	22.15	845.46	960.43	362.50	100.96	317.42	+ 7	0
3	178.04	61.15	22.35	845.69	960.23	362.27	100.64	317.23	+ 6	+ 5
4	177.84	61.40	22.55	845.94	960.03	362.02	100.34	317.04	+ 3	+ 8
5	−177.65	+61.64	+22.74	+846.18	−959.84	−361.78	−100.03	−316.84	− 1	+10
6	177.46	61.89	22.93	846.43	959.65	361.53	99.73	316.65	− 5	+ 9
7	177.28	62.14	23.11	846.68	959.47	361.28	99.43	316.44	− 8	+ 7
8	177.11	62.40	23.28	846.94	959.29	361.02	99.14	316.24	−10	+ 4
9	176.94	62.66	23.45	847.20	959.12	360.76	98.85	316.03	−10	0
10	−176.77	+62.92	+23.62	+847.46	−958.95	−360.50	− 98.56	−315.82	− 8	− 4
11	176.61	63.19	23.78	847.73	958.79	360.23	98.28	315.61	− 5	− 7
12	176.45	63.46	23.94	848.00	958.63	359.96	98.00	315.39	− 2	− 9
13	176.30	63.73	24.09	848.27	958.48	359.69	97.72	315.17	+ 2	− 9
14	176.15	64.00	24.23	848.54	958.33	359.42	97.45	314.94	+ 6	− 8
15	−176.01	+64.28	+24.37	+848.82	−958.19	−359.14	− 97.19	−314.71	+ 9	− 5
16	175.87	64.56	24.51	849.10	958.05	358.86	96.92	314.48	+10	− 1
17	175.74	64.84	24.64	849.38	957.92	358.58	96.67	314.25	+10	+ 3
18	175.62	65.13	24.76	849.67	957.79	358.29	96.41	314.01	+ 8	+ 7
19	175.50	65.42	24.88	849.96	957.67	358.00	96.16	313.77	+ 5	+ 9
20	−175.38	+65.71	+25.00	+850.25	−957.55	−357.71	− 95.92	−313.52	+ 1	+10
21	175.27	66.00	25.11	850.54	957.44	357.42	95.68	313.27	− 4	+ 8
22	175.16	66.30	25.22	850.84	957.33	357.12	95.44	313.02	− 7	+ 4
23	175.06	66.60	25.31	851.14	957.23	356.82	95.21	312.77	− 9	0
24	174.97	66.90	25.41	851.44	957.14	356.52	94.98	312.52	− 8	− 5
25	−174.88	+67.20	+25.49	+851.74	−957.05	−356.22	− 94.76	−312.26	− 5	− 9
26	174.80	67.51	25.57	852.04	956.96	355.92	94.54	312.00	− 1	−11
27	−174.72	+67.81	+25.65	+852.34	−956.89	−355.62	− 94.33	−311.74	+ 3	−10
Mittl. Ort	−179".46	+79".14	+21".02	+863".62	−961".69	−344".17	−126".91	−307".50		

*) Die Vorzeichen gelten für die drei nördlichen Sterne, für den südlichen sind sie umzukehren.

Polnahe Sterne 1935

Koordinaten der scheinbaren Örter für 12h Sternzeit Greenwich

Tag		BD +89° 1 Gr. 10m56		BD +89° 3 Gr. 9m06		BD +89° 37 Gr. 10m06		CPD −89° 38 Gr. 9m5		Kurzperiod. Nutationsgl.*)	
1935		x	y	x	y	x	y	x	y	in 0.01″	
Mai	27	−174.72″	+67.81″	+25.65″	+852.34″	−956.89″	−355.62″	− 94.33″	−311.74″	+ 3	−10
	28	174.65	68.12	25.72	852.65	956.81	355.31	94.13	311.47	+ 6	− 6
	29	174.59	68.43	25.78	852.96	956.75	355.00	93.93	311.20	+ 8	− 2
	30	174.53	68.74	25.84	853.27	956.69	354.69	93.73	310.93	+ 7	+ 3
	31	174.48	69.05	25.89	853.58	956.63	354.38	93.54	310.66	+ 5	+ 7
Juni	1	−174.43	+69.37	+25.94	+853.89	−956.58	−354.06	− 93.35	−310.38	+ 1	+10
	2	174.38	69.68	25.99	854.21	956.54	353.75	93.17	310.11	− 3	+10
	3	174.35	69.99	26.02	854.52	956.50	353.44	92.99	309.83	− 7	+ 8
	4	174.32	70.31	26.05	854.84	956.47	353.12	92.82	309.55	− 9	+ 5
	5	174.29	70.63	26.08	855.15	956.45	352.80	92.65	309.27	−10	+ 1
	6	−174.27	+70.95	+26.10	+855.47	−956.43	−352.48	− 92.49	−308.98	− 9	− 3
	7	174.26	71.27	26.11	855.79	956.41	352.16	92.34	308.70	− 6	− 6
	8	174.25	71.59	26.12	856.11	956.40	351.84	92.19	308.41	− 3	− 8
	9	174.25	71.91	26.12	856.43	956.40	351.52	92.04	308.12	+ 1	− 9
	10	174.25	72.23	26.12	856.75	956.40	351.20	91.90	307.83	+ 5	− 8
	11	−174.26	+72.55	+26.11	+857.07	−956.41	−350.88	− 91.76	−307.53	+ 8	− 6
	12	174.28	72.88	26.09	857.39	956.43	350.55	91.63	307.24	+10	− 3
	13	174.30	73.20	26.07	857.71	956.45	350.23	91.51	306.95	+11	+ 1
	14	174.32	73.52	26.04	858.03	956.47	349.91	91.39	306.65	+10	+ 5
	15	174.35	73.84	26.01	858.35	956.50	349.59	91.28	306.35	+ 7	+ 8
	16	−174.39	+74.16	+25.97	+858.67	−956.54	−349.27	− 91.17	−306.05	+ 3	+10
	17	174.43	74.48	25.93	859.00	956.58	348.95	91.07	305.75	− 2	+ 9
	18	174.48	74.80	25.88	859.32	956.63	348.63	90.98	305.45	− 6	+ 6
	19	174.54	75.12	25.82	859.64	956.69	348.31	90.89	305.15	− 8	+ 2
	20	174.60	75.44	25.76	859.96	956.75	347.99	90.80	304.85	− 9	− 3
	21	−174.66	+75.76	+25.69	+860.28	−956.81	−347.67	− 90.72	−304.54	− 7	− 7
	22	174.74	76.09	25.62	860.60	956.88	347.35	90.65	304.24	− 4	−10
	23	174.81	76.41	25.54	860.92	956.96	347.03	90.58	303.94	+ 1	−10
	24	174.90	76.72	25.46	861.24	957.04	346.71	90.52	303.63	+ 4	− 8
	25	174.99	77.04	25.37	861.56	957.13	346.39	90.46	303.33	+ 7	− 4
	26	−175.08	+77.36	+25.27	+861.87	−957.22	−346.08	− 90.41	−303.03	+ 7	+ 1
	27	175.18	77.67	25.17	862.18	957.32	345.77	90.36	302.72	+ 6	+ 6
	28	175.29	77.99	25.06	862.50	957.43	345.45	90.32	302.42	+ 2	+ 9
	29	175.40	78.30	24.95	862.81	957.54	345.14	90.29	302.11	− 2	+10
	30	175.52	78.61	24.83	863.12	957.66	344.83	90.26	301.80	− 5	+ 9
Juli	1	−175.64	+78.93	+24.71	+863.44	−957.78	−344.51	− 90.24	−301.50	− 8	+ 6
	2	175.77	79.23	24.58	863.74	957.91	344.21	90.22	301.19	− 9	+ 3
	3	−175.90	+79.54	+24.44	+864.05	−958.04	−343.90	− 90.21	−300.89	− 9	− 1
Mittl. Ort		−179.46″	+79.14″	+21.02″	+863.62″	−961.69″	−344.17″	−126.91″	−307.50″		

*) Die Vorzeichen gelten für die drei nördlichen Sterne, für den südlichen sind sie umzukehren.

Polnahe Sterne 1935

Koordinaten der scheinbaren Örter für 12^h Sternzeit Greenwich

Tag	BD +89° 1 Gr. 10^m56		BD +89° 3 Gr. 9^m06		BD +89° 37 Gr. 10^m06		CPD −89° 38 Gr. 9^m5		Kurzperiod. Nutationsgl.*)	
1935	x	y	x	y	x	y	x	y	in 0″.01	
Juli 3	−175″.90	+79″.54	+24″.44	+864″.05	−958″.04	−343″.90	− 90″.21	−300″.89	− 9	− 1
4	176.04	79.85	24.30	864.36	958.18	343.59	90.21	300.59	− 7	− 5
5	176.18	80.15	24.16	864.66	958.32	343.29	90.21	300.28	− 4	− 8
6	176.33	80.45	24.01	864.96	958.47	342.99	90.21	299.98	− 1	− 9
7	176.49	80.76	23.85	865.27	958.62	342.68	90.23	299.68	+ 3	− 9
8	−176.65	+81.05	+23.69	+865.56	−958.78	−342.39	− 90.25	−299.37	+ 7	− 7
9	176.81	81.35	23.53	865.86	958.94	342.09	90.27	299.07	+10	− 4
10	176.98	81.64	23.36	866.16	959.11	341.79	90.30	298.77	+11	0
11	177.15	81.94	23.19	866.45	959.28	341.50	90.33	298.47	+11	+ 4
12	177.33	82.23	23.01	866.75	959.46	341.20	90.37	298.17	+ 9	+ 7
13	−177.52	+82.52	+22.82	+867.04	−959.64	−340.91	− 90.42	−297.87	+ 5	+10
14	177.71	82.80	22.63	867.32	959.83	340.63	90.47	297.58	0	+10
15	177.90	83.09	22.44	867.61	960.02	340.34	90.53	297.28	− 4	+ 8
16	178.10	83.37	22.24	867.89	960.22	340.06	90.59	296.99	− 7	+ 4
17	178.31	83.65	22.03	868.17	960.43	339.78	90.66	296.70	− 9	− 1
18	−178.52	+83.93	+21.82	+868.45	−960.64	−339.50	− 90.74	−296.42	− 8	− 6
19	178.73	84.21	21.61	868.72	960.85	339.23	90.82	296.13	− 5	− 9
20	178.95	84.48	21.39	868.99	961.07	338.96	90.91	295.84	− 1	−10
21	179.17	84.75	21.17	869.26	961.29	338.68	91.00	295.56	+ 3	− 9
22	179.40	85.02	20.94	869.53	961.52	338.42	91.09	295.28	+ 6	− 6
23	−179.63	+85.28	+20.71	+869.79	−961.75	−338.15	− 91.19	−295.00	+ 7	− 1
24	179.87	85.54	20.47	870.05	961.99	337.89	91.30	294.72	+ 6	+ 4
25	180.11	85.80	20.23	870.31	962.23	337.63	91.41	294.45	+ 3	+ 8
26	180.35	86.06	19.98	870.57	962.47	337.38	91.53	294.18	0	+10
27	180.60	86.31	19.73	870.82	962.72	337.13	91.65	293.91	− 4	+10
28	−180.85	+86.56	+19.48	+871.07	−962.97	−336.88	− 91.78	−293.64	− 7	+ 8
29	181.11	86.81	19.22	871.32	963.23	336.64	91.91	293.38	− 9	+ 4
30	181.37	87.05	18.96	871.56	963.49	336.40	92.05	293.12	−10	0
31	181.64	87.29	18.69	871.80	963.76	336.16	92.19	292.86	− 8	− 4
Aug. 1	181.91	87.53	18.42	872.04	964.03	335.92	92.34	292.60	− 6	− 7
2	−182.19	+87.76	+18.14	+872.27	−964.30	−335.69	− 92.49	−292.35	− 2	− 9
3	182.47	87.99	17.86	872.50	964.58	335.46	92.65	292.10	+ 2	− 9
4	182.75	88.22	17.58	872.73	964.86	335.23	92.81	291.85	+ 6	− 8
5	183.03	88.44	17.30	872.95	965.15	335.01	92.98	291.61	+ 9	− 5
6	183.32	88.66	17.01	873.17	965.43	334.79	93.16	291.37	+11	− 2
7	−183.61	+88.88	+16.72	+873.39	−965.73	−334.57	− 93.34	−291.13	+11	+ 2
8	183.91	89.09	16.42	873.60	966.02	334.36	93.52	290.90	+10	+ 6
9	−184.21	+89.30	+16.12	+873.81	−966.32	−334.15	− 93.71	−290.67	+ 7	+ 9
Mittl. Ort	−179″.46	+79″.14	+21″.02	+863″.62	−961″.69	−344″.17	−126″.91	−307″.50		

*) Die Vorzeichen gelten für die drei nördlichen Sterne, für den südlichen sind sie umzukehren.

Polnahe Sterne 1935

Koordinaten der scheinbaren Örter für 12^{h} Sternzeit Greenwich

Tag	BD +89° 1 Gr. $10^{m}56$		BD +89° 3 Gr. $9^{m}06$		BD +89° 37 Gr. $10^{m}06$		CPD −89° 38 Gr. $9^{m}5$		Kurzperiod. Nutationsgl.*)	
1935	x	y	x	y	x	y	x	y	in 0.″01	
Aug. 9	−184.″21	+89.″30	+16.″12	+873.″81	−966.″32	−334.″15	− 93.″71	−290.″67	+ 7	+ 9
10	184.51	89.50	15.82	874.02	966.62	333.94	93.90	290.44	+ 3	+10
11	184.82	89.70	15.51	874.22	966.93	333.74	94.10	290.22	− 2	+ 8
12	185.13	89.90	15.20	874.42	967.23	333.54	94.30	290.00	− 5	+ 5
13	185.44	90.09	14.88	874.61	967.55	333.35	94.51	289.79	− 8	+ 1
14	−185.76	+90.28	+14.57	+874.80	−967.86	−333.16	− 94.72	−289.58	− 8	− 4
15	186.08	90.47	14.24	874.98	968.18	332.97	94.93	289.37	− 6	− 8
16	186.40	90.65	13.92	875.16	968.50	332.79	95.15	289.17	− 3	−10
17	186.73	90.83	13.59	875.34	968.83	332.61	95.37	288.97	+ 1	−10
18	187.06	91.01	13.26	875.51	969.16	332.44	95.60	288.78	+ 4	− 7
19	−187.39	+91.18	+12.93	+875.68	−969.49	−332.27	− 95.83	−288.59	+ 6	− 3
20	187.73	91.35	12.59	875.85	969.83	332.10	96.07	288.40	+ 6	+ 2
21	188.07	91.51	12.25	876.01	970.16	331.94	96.30	288.22	+ 4	+ 6
22	188.41	91.67	11.91	876.17	970.50	331.78	96.55	288.05	+ 1	+ 9
23	188.75	91.82	11.57	876.32	970.85	331.63	96.79	287.88	− 3	+10
24	−189.10	+91.97	+11.22	+876.47	−971.19	−331.48	− 97.04	−287.71	− 7	+ 8
25	189.45	92.11	10.87	876.61	971.54	331.34	97.29	287.55	− 9	+ 6
26	189.80	92.25	10.52	876.75	971.89	331.20	97.55	287.40	−10	+ 2
27	190.15	92.39	10.17	876.89	972.24	331.06	97.81	287.25	− 9	− 2
28	190.51	92.52	9.81	877.02	972.60	330.93	98.07	287.10	− 7	− 6
29	−190.87	+92.65	+ 9.45	+877.15	−972.96	−330.80	− 98.34	−286.96	− 4	− 8
30	191.23	92.77	9.09	877.27	973.32	330.67	98.60	286.82	0	− 9
31	191.59	92.89	8.73	877.39	973.68	330.55	98.88	286.69	+ 4	− 8
Sept. 1	191.95	93.00	8.36	877.50	974.04	330.44	99.15	286.56	+ 7	− 6
2	192.32	93.11	8.00	877.61	974.41	330.33	99.43	286.44	+10	− 3
3	−192.68	+93.22	+ 7.63	+877.72	−974.77	−330.22	− 99.71	−286.33	+11	+ 1
4	193.05	93.32	7.26	877.82	975.14	330.12	99.99	286.22	+11	+ 5
5	193.42	93.42	6.89	877.92	975.51	330.03	100.27	286.12	+ 8	+ 8
6	193.80	93.51	6.52	878.01	975.89	329.94	100.56	286.02	+ 5	+10
7	194.17	93.60	6.14	878.10	976.26	329.85	100.85	285.93	+ 1	+ 9
8	−194.55	+93.68	+ 5.76	+878.18	−976.64	−329.77	−101.14	−285.84	− 3	+ 7
9	194.92	93.76	5.39	878.26	977.01	329.69	101.43	285.76	− 6	+ 3
10	195.30	93.84	5.01	878.34	977.39	329.61	101.72	285.69	− 7	− 2
11	195.68	93.91	4.63	878.41	977.77	329.54	102.02	285.62	− 6	− 7
12	196.06	93.97	4.25	878.47	978.15	329.48	102.32	285.55	− 3	−10
13	−196.44	+94.03	+ 3.87	+878.53	−978.53	−329.42	−102.62	−285.49	0	−10
14	196.83	94.08	3.48	878.59	978.91	329.36	102.92	285.44	+ 4	− 8
15	−197.21	+94.13	+ 3.10	+878.64	−979.29	−329.31	−103.22	−285.39	+ 6	− 5
Mittl. Ort	−179.″46	+79.″14	+21.″02	+863.″62	−961.″69	−344.″17	−126.″91	−307.″50		

*) Die Vorzeichen gelten für die drei nördlichen Sterne, für den südlichen sind sie umzukehren.

Polnahe Sterne 1935

Koordinaten der scheinbaren Örter für 12^h Sternzeit Greenwich

Tag	BD +89° 1 Gr. $10^m.56$		BD +89° 3 Gr. $9^m.06$		BD +89° 37 Gr. $10^m.06$		CPD −89° 38 Gr. $9^m.5$		Kurzperiod. Nutationsgl.*)	
1935	x	y	x	y	x	y	x	y	in 0.″01	
Sept. 15	−197.″21	+94.″13	+ 3.″10	+878.″64	−979.″29	−329.″31	−103.″22	−285.″39	+ 6	− 5
16	197.59	94.18	2.72	878.68	979.68	329.27	103.52	285.35	+ 7	0
17	197.98	94.22	2.33	878.72	980.06	329.23	103.83	285.32	+ 5	+ 5
18	198.37	94.26	1.94	878.76	980.45	329.19	104.14	285.29	+ 2	+ 8
19	198.75	94.29	1.56	878.79	980.84	329.16	104.44	285.26	− 2	+10
20	−199.14	+94.32	+ 1.17	+878.82	−981.23	−329.13	−104.75	−285.25	− 6	+ 9
21	199.52	94.34	0.78	878.84	981.62	329.11	105.06	285.24	− 9	+ 7
22	199.91	94.36	0.39	878.86	982.00	329.10	105.37	285.23	−11	+ 3
23	200.30	94.37	+ 0.01	878.87	982.39	329.08	105.67	285.23	−10	− 1
24	200.69	94.38	− 0.38	878.88	982.78	329.08	105.98	285.24	− 9	− 4
25	−201.07	+94.38	− 0.77	+878.88	−983.17	−329.08	−106.29	−285.26	− 6	− 7
26	201.46	94.38	1.16	878.88	983.55	329.08	106.60	285.28	− 2	− 9
27	201.85	94.37	1.55	878.87	983.94	329.09	106.91	285.31	+ 2	− 9
28	202.24	94.36	1.94	878.86	984.33	329.10	107.22	285.34	+ 6	− 7
29	202.62	94.34	2.33	878.84	984.72	329.12	107.53	285.38	+ 8	− 4
30	−203.01	+94.32	− 2.72	+878.82	−985.11	−329.14	−107.84	−285.42	+10	− 1
Okt. 1	203.39	94.30	3.11	878.80	985.50	329.16	108.15	285.47	+10	+ 3
2	203.78	94.26	3.50	878.77	985.89	329.20	108.45	285.53	+ 9	+ 7
3	204.17	94.23	3.89	878.73	986.28	329.23	108.76	285.59	+ 6	+ 9
4	204.56	94.19	4.27	878.69	986.66	329.27	109.06	285.66	+ 2	+ 9
5	−204.94	+94.14	− 4.65	+878.65	−987.04	−329.32	−109.37	−285.74	− 2	+ 8
6	205.33	94.09	5.04	878.60	987.43	329.37	109.67	285.82	− 5	+ 4
7	205.72	94.03	5.42	878.54	987.81	329.43	109.97	285.91	− 7	0
8	206.11	93.97	5.80	878.48	988.20	329.49	110.27	286.00	− 6	− 5
9	206.49	93.91	6.18	878.41	988.58	329.55	110.57	286.10	− 4	− 8
10	−206.87	+93.84	− 6.57	+878.34	−988.96	−329.62	−110.87	−286.21	0	−10
11	207.25	93.76	6.95	878.26	989.34	329.70	111.16	286.32	+ 3	− 9
12	207.63	93.68	7.32	878.18	989.72	329.78	111.45	286.44	+ 6	− 6
13	208.01	93.60	7.70	878.10	990.09	329.86	111.74	286.56	+ 7	− 2
14	208.39	93.51	8.08	878.01	990.47	329.95	112.03	286.69	+ 7	+ 3
15	−208.76	+93.41	− 8.45	+877.92	−990.84	−330.05	−112.32	−286.82	+ 4	+ 7
16	209.13	93.31	8.83	877.82	991.21	330.15	112.61	286.96	0	+10
17	209.50	93.21	9.20	877.72	991.58	330.25	112.89	287.11	− 4	+10
18	209.87	93.10	9.57	877.61	991.95	330.36	113.17	287.26	− 8	+ 8
19	210.24	92.99	9.94	877.50	992.32	330.47	113.45	287.41	−10	+ 5
20	−210.61	+92.88	−10.31	+877.38	−992.69	−330.59	−113.72	−287.58	−11	+ 1
21	210.97	92.76	10.67	877.26	993.05	330.71	113.99	287.74	−10	− 3
22	−211.33	+92.63	−11.03	+877.13	−993.41	−330.84	−114.26	−287.92	− 7	− 7
Mittl. Ort	−179.″46	+79.″14	+21.″02	+863.″62	−961.″69	−344.″17	−126.″91	−307.″50		

*) Die Vorzeichen gelten für die drei nördlichen Sterne, für den südlichen sind sie umzukehren.

Polnahe Sterne 1935

Koordinaten der scheinbaren Örter für 12^h Sternzeit Greenwich

Tag	BD +89° 1 Gr. 10^m56		BD +89° 3 Gr. 9^m06		BD +89° 37 Gr. 10^m06		CPD −89° 38 Gr. 9^m5		Kurzperiod. Nutationsgl.*)	
1935	x	y	x	y	x	y	x	y	in 0".01	
Okt. 22	−211.33"	+92.63"	−11.03"	+877.13"	− 993.41"	−330.84"	−114.26"	−287.92"	− 7	− 7
23	211.69	92.50	11.39	877.00	993.77	330.97	114.52	288.10	− 4	− 9
24	212.05	92.36	11.75	876.86	994.13	331.11	114.78	288.28	0	− 9
25	212.40	92.22	12.10	876.72	994.48	331.25	115.04	288.47	+ 4	− 8
26	212.75	92.07	12.45	876.58	994.83	331.40	115.29	288.67	+ 7	− 6
27	−213.10	+91.92	−12.80	+876.43	− 995.18	−331.55	−115.54	−288.87	+ 9	− 2
28	213.45	91.77	13.15	876.28	995.53	331.71	115.79	289.08	+10	+ 2
29	213.79	91.61	13.49	876.12	995.87	331.87	116.03	289.29	+ 9	+ 5
30	214.14	91.45	13.84	875.95	996.22	332.03	116.27	289.50	+ 7	+ 8
31	214.47	91.29	14.17	875.79	996.55	332.20	116.50	289.72	+ 3	+10
Nov. 1	−214.81	+91.11	−14.51	+875.61	− 996.89	−332.37	−116.73	−289.95	− 1	+ 9
2	215.14	90.94	14.84	875.44	997.22	332.55	116.96	290.18	− 4	+ 6
3	215.47	90.76	15.17	875.26	997.55	332.73	117.18	290.41	− 6	+ 2
4	215.79	90.57	15.49	875.07	997.87	332.92	117.40	290.65	− 7	− 3
5	216.11	90.38	15.81	874.88	998.19	333.11	117.61	290.90	− 5	− 7
6	−216.43	+90.18	−16.13	+874.69	− 998.51	−333.30	−117.82	−291.15	− 2	−10
7	216.74	89.98	16.45	874.49	998.83	333.50	118.02	291.41	+ 2	−10
8	217.05	89.78	16.76	874.29	999.14	333.70	118.22	291.67	+ 6	− 8
9	217.36	89.57	17.07	874.09	999.45	333.91	118.41	291.93	+ 8	− 4
10	217.66	89.36	17.38	873.88	999.76	334.12	118.60	292.20	+ 8	+ 1
11	−217.96	+89.15	−17.68	+873.67	−1000.06	−334.34	−118.78	−292.47	+ 6	+ 6
12	218.26	88.93	17.98	873.45	1000.36	334.56	118.96	292.74	+ 2	+ 9
13	218.55	88.71	18.27	873.22	1000.65	334.78	119.13	293.02	− 2	+10
14	218.84	88.48	18.56	873.00	1000.94	335.01	119.30	293.30	− 6	+ 9
15	219.13	88.25	18.84	872.77	1001.22	335.24	119.46	293.58	− 9	+ 6
16	−219.41	+88.01	−19.12	+872.53	−1001.50	−335.48	−119.62	−293.87	−11	+ 2
17	219.69	87.77	19.40	872.29	1001.78	335.72	119.77	294.16	−10	− 2
18	219.96	87.53	19.67	872.05	1002.05	335.96	119.92	294.46	− 8	− 5
19	220.23	87.28	19.94	871.80	1002.32	336.21	120.06	294.76	− 5	− 8
20	220.49	87.03	20.21	871.56	1002.58	336.46	120.19	295.06	− 1	− 9
21	−220.75	+86.78	−20.46	+871.30	−1002.84	−336.71	−120.32	−295.36	+ 2	− 8
22	221.00	86.52	20.72	871.05	1003.09	336.97	120.44	295.67	+ 6	− 6
23	221.25	86.26	20.97	870.79	1003.34	337.23	120.56	295.98	+ 8	− 3
24	221.49	86.00	21.21	870.53	1003.58	337.49	120.67	296.29	+10	0
25	221.73	85.73	21.45	870.26	1003.82	337.76	120.77	296.60	+ 9	+ 4
26	−221.96	+85.46	−21.68	+869.99	−1004.05	−338.03	−120.87	−296.92	+ 7	+ 7
27	222.19	85.19	21.91	869.72	1004.28	338.30	120.96	297.24	+ 4	+ 9
28	−222.42	+84.91	−22.14	+869.44	−1004.51	−338.58	−121.05	−297.56	0	+ 9
Mittl. Ort	−179.46"	+79.14"	+21.02"	+863.62"	−961.69"	−344.17"	−126.91"	−307.50"		

*) Die Vorzeichen gelten für die drei nördlichen Sterne, für den südlichen sind sie umzukehren.

Koordinaten der scheinbaren Örter für 12h Sternzeit Greenwich

Tag	BD +89° 1 Gr. 10m.56		BD +89° 3 Gr. 9m.06		BD +89° 37 Gr. 10m.06		CPD −89° 38 Gr. 9m.5		Kurzperiod. Nutationsgl.*)	
1935	x	y	x	y	x	y	x	y	in 0".01	
Nov. 28	−222".42	+84".91	−22".14	+869".44	−1004".51	−338".58	−121".05	−297".56	0	+ 9
29	222.64	84.63	22.35	869.16	1004.72	338.86	121.13	297.89	− 4	+ 7
30	222.85	84.35	22.57	868.88	1004.94	339.14	121.20	298.21	− 6	+ 4
Dez. 1	223.06	84.07	22.77	868.60	1005.14	339.43	121.27	298.54	− 7	− 1
2	223.26	83.78	22.97	868.31	1005.34	339.71	121.33	298.87	− 6	− 6
3	−223.46	+83.49	−23.17	+868.02	−1005.54	−340.00	−121.38	−299.20	− 4	− 9
4	223.65	83.20	23.36	867.73	1005.73	340.30	121.43	299.54	0	−10
5	223.83	82.91	23.54	867.44	1005.91	340.59	121.47	299.87	+ 4	− 9
6	224.01	82.61	23.72	867.14	1006.09	340.89	121.50	300.21	+ 7	− 6
7	224.18	82.31	23.89	866.84	1006.26	341.19	121.53	300.55	+ 8	− 1
8	−224.35	+82.01	−24.06	+866.54	−1006.43	−341.49	−121.55	−300.89	+ 7	+ 4
9	224.51	81.70	24.23	866.24	1006.59	341.80	121.57	301.23	+ 4	+ 8
10	224.67	81.40	24.38	865.93	1006.75	342.11	121.58	301.57	0	+10
11	224.82	81.09	24.53	865.62	1006.90	342.42	121.58	301.91	− 4	+10
12	224.96	80.78	24.68	865.31	1007.04	342.73	121.57	302.25	− 8	+ 7
13	−225.10	+80.47	−24.82	+865.00	−1007.18	−343.04	−121.56	−302.59	−10	+ 4
14	225.23	80.15	24.95	864.69	1007.31	343.35	121.55	302.93	−10	0
15	225.36	79.84	25.08	864.38	1007.44	343.67	121.52	303.28	− 9	− 4
16	225.48	79.52	25.20	864.06	1007.56	343.99	121.49	303.62	− 6	− 7
17	225.59	79.20	25.32	863.74	1007.68	344.31	121.45	303.96	− 3	− 9
18	−225.70	+78.88	−25.43	+863.42	−1007.79	−344.63	−121.41	−304.30	+ 1	− 9
19	225.80	78.56	25.53	863.11	1007.89	344.95	121.36	304.65	+ 5	− 7
20	225.89	78.24	25.62	862.79	1007.98	345.27	121.31	304.99	+ 8	− 5
21	225.98	77.92	25.71	862.46	1008.07	345.60	121.24	305.33	+10	− 1
22	226.06	77.60	25.80	862.14	1008.16	345.92	121.17	305.67	+10	+ 3
23	−226.14	+77.27	−25.87	+861.82	−1008.23	−346.25	−121.10	−306.01	+ 9	+ 6
24	226.21	76.94	25.94	861.49	1008.30	346.57	121.02	306.35	+ 6	+ 9
25	226.27	76.62	26.00	861.17	1008.36	346.90	120.93	306.69	+ 2	+ 9
26	226.33	76.29	26.06	860.84	1008.42	347.23	120.83	307.03	− 2	+ 8
27	226.38	75.96	26.11	860.52	1008.47	347.56	120.73	307.37	− 6	+ 5
28	−226.42	+75.64	−26.16	+860.19	−1008.52	−347.88	−120.63	−307.70	− 7	+ 1
29	226.45	75.31	26.19	859.87	1008.55	348.21	120.51	308.04	− 8	− 4
30	226.48	74.99	26.22	859.54	1008.58	348.53	120.39	308.37	− 6	− 8
31	226.51	74.66	26.25	859.21	1008.61	348.86	120.27	308.70	− 2	−10
32	−226.53	+74.33	−26.27	+858.89	−1008.63	−349.19	−120.14	−309.04	+ 2	−10
Mitt. Ort	−179".46	+79".14	+21".02	+863".62	− 961".69	−344".17	−126".91	−307".50		

*) Die Vorzeichen gelten für die drei nördlichen Sterne, für den südlichen sind sie umzukehren.

Formeln

zur Reduktion auf den scheinbaren Ort

$$A = t - (0.34215 + 0.00031\,T)\sin\Omega + 0.00415\sin 2\Omega - 0.02526\sin 2L_\odot + 0.00251\sin M_\odot - 0.00099\sin(2L_\odot + M_\odot) + 0.00042\sin(2L_\odot - M_\odot) + 0.00025\sin(2L_\odot - \Omega)$$

$$A' = -0.00405\sin 2L_☾ + 0.00135\sin M_☾ - 0.00068\sin(2L_☾ - \Omega) - 0.00052\sin(2L_☾ + M_☾) + 0.00030\sin(2L_☾ - 2L_\odot - M_☾) + 0.00023\sin(2L_☾ - M_☾) + 0.00012\sin(2L_☾ - 2L_\odot)$$

$$B = -(9''.210 + 0''.001\,T)\cos\Omega + 0''.090\cos 2\Omega - 0''.551\cos 2L_\odot - 0''.022\cos(2L_\odot + M_\odot) + 0''.009\cos(2L_\odot - M_\odot) + 0''.007\cos(2L_\odot - \Omega)$$

$$B' = -0''.089\cos 2L_☾ - 0''.018\cos(2L_☾ - \Omega) - 0''.011\cos(2L_☾ + M_☾) + 0''.005\cos(2L_☾ - M_☾)$$

$$C = -20''.47\cos\odot\cos\varepsilon$$

$$D = -20''.47\sin\odot$$

$$E = -(0^s.0029 - 0^s.0004\,T)\sin\Omega$$

T Zeit seit 1900.0 in Einheiten von 100 tropischen Jahren,

t Zeit seit Beginn des annus fictus in Bruchteilen des tropischen Jahres:

$t = 0$ für 1935 Januar $1^d.2904$ Welt-Zeit.

$a = m + {}^1/_{15}\,n\sin\alpha\,\mathrm{tg}\,\delta$	$a' = n\cos\alpha$
$b = {}^1/_{15}\cos\alpha\,\mathrm{tg}\,\delta$	$b' = -\sin\alpha$
$c = {}^1/_{15}\cos\alpha\sec\delta$	$c' = \mathrm{tg}\,\varepsilon\cos\delta - \sin\alpha\sin\delta$
$d = {}^1/_{15}\sin\alpha\sec\delta$	$d' = \cos\alpha\sin\delta$

Für 1935.0 gilt: $m = +3^s.0730$, $n = +20''.044$, $\varepsilon = 23°\,26'\,51''.87$

$$\alpha_{app.} = \alpha_{1935.0} + t\mu_\alpha + Aa + Bb + Cc + Dd + E + [A'a + B'b]$$
$$\delta_{app.} = \delta_{1935.0} + t\mu_\delta + Aa' + Bb' + Cc' + Dd' + [A'a' + B'b']$$

μ_α, μ_δ jährliche Eigenbewegung in Rektaszension, bez. Deklination.

Setzt man

$f = mA + E$	$f' = mA'$	$i = C\,\mathrm{tg}\,\varepsilon$
$g\sin G = B$	$g'\sin G' = B'$	$h\sin H = C$
$g\cos G = nA$	$g'\cos G' = nA'$	$h\cos H = D,$

so wird:

$$\alpha_{app.} = \alpha_{1935.0} + t\mu_\alpha + f + {}^1/_{15}\,g\sin(G+\alpha)\,\mathrm{tg}\,\delta + {}^1/_{15}\,h\sin(H+\alpha)\sec\delta + [f' + {}^1/_{15}\,g'\sin(G'+\alpha)\,\mathrm{tg}\,\delta]$$

$$\delta_{app.} = \delta_{1935.0} + t\mu_\delta + g\cos(G+\alpha) + h\cos(H+\alpha)\sin\delta + i\cos\delta + [g'\cos(G'+\alpha)]$$

Reduktionsgrößen 1935

für 12ʰ Sternzeit Greenwich

Welt-Zeit		t	log A	log B	log C	log D	E
1935		s					s
Jan.	1.2	—0.0002	9.46832	0.64562_n	0.50813_n	1.30462	+0.0023
	11.2	+0.0271	9.52017	0.64807_n	0.80868_n	1.28400	23
	21.2	0.0544	9.56406	0.65571_n	0.97525_n	1.24775	23
	31.1	0.0817	9.60087	0.66642_n	1.08479_n	1.19321	23
Febr.	10.1	0.1090	9.63163	0.67770_n	1.16077_n	1.11511	23
	20.1	0.1363	9.65735	0.68771_n	1.21346_n	1.00320	+0.0023
März	2.1	0.1636	9.67918	0.69434_n	1.24814_n	0.83359	23
	12.0	0.1909	9.69822	0.69627_n	1.26771_n	0.52750	23
	22.0	0.2182	9.71559	0.69249_n	1.27367_n	9.20952_n	24
April	1.0	0.2456	9.73229	0.68296_n	1.26658_n	0.56431_n	24
	10.9	0.2729	9.74912	0.66764_n	1.24628_n	0.84800_n	+0.0024
	20.9	0.3002	9.76669	0.64699_n	1.21168_n	1.00864_n	24
	30.9	0.3275	9.78528	0.62221_n	1.16047_n	1.11554_n	24
Mai	10.9	0.3548	9.80496	0.59472_n	1.08838_n	1.19056_n	24
	20.8	0.3821	9.82552	0.56644_n	0.98717_n	1.24358_n	24
	30.8	0.4094	9.84660	0.53970_n	0.83885_n	1.27962_n	+0.0024
Juni	9.8	0.4367	9.86777	0.51693_n	0.59195_n	1.30151_n	24
	19.8	0.4640	9.88853	0.50037_n	9.91062_n	1.31071_n	25
	29.7	0.4913	9.90844	0.49150_n	0.36135	1.30786_n	25
Juli	9.7	0.5186	9.92715	0.49024_n	0.72795	1.29277_n	25
	19.7	0.5459	9.94437	0.49596_n	0.91624	1.26461_n	+0.0025
	29.6	0.5732	9.95992	0.50664_n	1.03842	1.22141_n	25
Aug.	8.6	0.6005	9.97377	0.51957_n	1.12408	1.15969_n	25
	18.6	0.6278	9.98597	0.53250_n	1.18543	1.07298_n	25
	28.6	0.6551	9.99669	0.54283_n	1.22848	0.94807_n	25
Sept.	7.5	0.6824	0.00621	0.54827_n	1.25645	0.75228_n	+0.0025
	17.5	0.7097	0.01487	0.54753_n	1.27103	0.35315_n	25
	27.5	0.7370	0.02308	0.53908_n	1.27289	0.08849	25
Okt.	7.5	0.7643	0.03126	0.52231_n	1.26195	0.67136	25
	17.4	0.7916	0.03979	0.49665_n	1.23732	0.90515	26
	27.4	0.8189	0.04899	0.46240_n	1.19703	1.04778	+0.0026
Nov.	6.4	0.8462	0.05906	0.42029_n	1.13761	1.14513	26
	16.3	0.8736	0.07005	0.37254_n	1.05258	1.21378	26
	26.3	0.9009	0.08187	0.32243_n	0.92875	1.26150	26
Dez.	6.3	0.9282	0.09426	0.27508_n	0.73360	1.29226	26
	16.3	0.9555	0.10693	0.23629_n	0.33546	1.30820	+0.0026
	26.2	0.9828	0.11949	0.21165_n	0.06371_n	1.31029	26
	36.2	1.0101	0.13158	0.20466_n	0.64816_n	1.29857	+0.0026

Tag	0h Welt-Zeit								
	Sternzeit Greenw.	t	f	log g	G	log h	H	log i	i
1935	h	s	s		h m		h m		"
Jan. 0	6.6	−0.0035	+0.891	0.8630	21 30.7	1.3103	23 28.3	0.0874n	−1.223
1	6.6	−0.0008	0.903	0.8666	21 32.2	1.3101	23 24.5	0.1355n	1.366
2	6.7	+0.0019	0.915	0.8701	21 33.6	1.3099	23 20.8	0.1787n	1.509
3	6.8	0.0047	0.926	0.8737	21 35.0	1.3097	23 17.0	0.2177n	1.651
4	6.8	0.0074	0.938	0.8773	21 36.3	1.3094	23 13.2	0.2533n	1.792
5	6.9	0.0102	0.950	0.8808	21 37.6	1.3092	23 9.5	0.2862n	1.933
6	7.0	0.0129	+0.961	0.8844	21 38.9	1.3089	23 5.7	0.3166n	−2.073
7	7.0	0.0156	0.973	0.8880	21 40.1	1.3086	23 1.9	0.3450n	2.213
8	7.1	0.0184	0.984	0.8915	21 41.3	1.3082	22 58.1	0.3714n	2.352
9	7.2	0.0211	0.996	0.8950	21 42.4	1.3079	22 54.3	0.3962n	2.490
10	7.2	0.0238	1.007	0.8985	21 43.5	1.3075	22 50.5	0.4196n	2.628
11	7.3	0.0266	1.018	0.9019	21 44.5	1.3071	22 46.7	0.4417n	2.765
12	7.4	0.0293	+1.029	0.9054	21 45.6	1.3067	22 42.9	0.4625n	−2.901
13	7.4	0.0321	1.040	0.9089	21 46.5	1.3063	22 39.1	0.4823n	3.036
14	7.5	0.0348	1.051	0.9123	21 47.5	1.3058	22 35.3	0.5011n	3.170
15	7.6	0.0375	1.062	0.9157	21 48.4	1.3054	22 31.4	0.5189n	3.303
16	7.6	0.0403	1.073	0.9190	21 49.3	1.3049	22 27.6	0.5359n	3.435
17	7.7	0.0430	1.084	0.9224	21 50.2	1.3044	22 23.7	0.5522n	3.566
18	7.8	0.0457	+1.095	0.9257	21 51.0	1.3039	22 19.9	0.5676n	−3.695
19	7.8	0.0485	1.106	0.9290	21 51.8	1.3034	22 16.0	0.5824n	3.823
20	7.9	0.0512	1.116	0.9322	21 52.6	1.3029	22 12.1	0.5966n	3.950
21	8.0	0.0540	1.127	0.9355	21 53.3	1.3023	22 8.2	0.6102n	4.076
22	8.0	0.0567	1.137	0.9386	21 54.0	1.3018	22 4.4	0.6234n	4.201
23	8.1	0.0594	1.148	0.9417	21 54.7	1.3012	22 0.4	0.6359n	4.324
24	8.2	0.0622	+1.158	0.9448	21 55.4	1.3006	21 56.5	0.6480n	−4.446
25	8.2	0.0649	1.168	0.9478	21 56.0	1.3000	21 52.6	0.6595n	4.566
26	8.3	0.0677	1.178	0.9508	21 56.7	1.2994	21 48.7	0.6707n	4.685
27	8.4	0.0704	1.188	0.9539	21 57.3	1.2988	21 44.7	0.6815n	4.803
28	8.4	0.0731	1.198	0.9568	21 57.9	1.2982	21 40.8	0.6919n	4.919
29	8.5	0.0759	1.208	0.9597	21 58.4	1.2976	21 36.8	0.7018n	5.033
30	8.6	0.0786	+1.217	0.9626	21 58.9	1.2969	21 32.9	0.7115n	−5.146
31	8.6	0.0813	1.227	0.9654	21 59.5	1.2963	21 28.9	0.7207n	5.257
Febr. 1	8.7	0.0841	1.236	0.9682	22 0.0	1.2956	21 24.9	0.7297n	5.366
2	8.8	0.0868	1.246	0.9710	22 0.5	1.2950	21 20.9	0.7383n	5.474
3	8.8	0.0896	1.255	0.9737	22 0.9	1.2943	21 16.9	0.7466n	5.580
4	8.9	0.0923	1.264	0.9763	22 1.4	1.2937	21 12.8	0.7547n	5.684
5	8.9	0.0950	+1.273	0.9790	22 1.8	1.2930	21 8.8	0.7624n	−5.786
6	9.0	0.0978	1.282	0.9816	22 2.3	1.2924	21 4.7	0.7699n	5.887
7	9.1	0.1005	1.291	0.9842	22 2.7	1.2917	21 0.7	0.7771n	5.986
8	9.1	0.1032	1.300	0.9867	22 3.1	1.2910	20 56.6	0.7840n	6.082
9	9.2	0.1060	1.309	0.9892	22 3.5	1.2904	20 52.5	0.7908n	6.177
10	9.3	0.1087	+1.317	0.9916	22 3.9	1.2897	20 48.4	0.7973n	−6.270

Tag	0h Welt-Zeit										
	f'	g'	G'	Allgemeine Präzession seit 1935.0	$\Delta\psi$	$\Delta\psi'$	Wahre Schiefe	$\Delta\varepsilon$	$\Delta\varepsilon'$	j	k
1935	s in 0.001	" in 0.01	h	"	"	" in 0.01	23° 26' "	"	" in 0.01	in 0.001	
Jan. 0	−18	+12	12.8	−0.18	+14.75	−29	56.31	+4.42	+ 3	32	89
1	−18	12	11.4	−0.04	14.81	−30	56.27	4.42	− 2	32	89
2	−15	12	9.9	+0.10	14.86	−25	56.22	4.42	− 6	32	89
3	−10	11	8.4	0.24	14.91	−16	56.19	4.42	− 9	33	89
4	− 3	10	6.6	0.37	14.97	− 4	56.18	4.42	−10	33	89
5	+ 5	10	4.7	0.51	15.02	+ 8	56.19	4.42	− 9	33	89
6	+11	+ 9	2.4	+0.65	+15.07	+19	56.23	+4.43	− 5	33	89
7	+15	10	0.3	0.79	15.12	+24	56.28	4.43	− 1	34	89
8	+15	11	22.3	0.92	15.17	+24	56.33	4.43	+ 4	34	89
9	+11	11	20.8	1.06	15.22	+19	56.38	4.44	+ 8	34	89
10	+ 6	11	19.3	1.20	15.26	+ 9	56.40	4.44	+10	35	89
11	− 1	10	17.8	1.34	15.31	− 1	56.40	4.45	+10	35	89
12	− 6	+ 8	16.1	+1.47	+15.36	−10	56.37	+4.45	+ 7	35	88
13	− 9	7	13.7	1.61	15.40	−15	56.33	4.46	+ 3	35	88
14	− 9	6	10.7	1.75	15.44	−16	56.29	4.46	− 2	36	88
15	− 7	8	8.3	1.89	15.49	−11	56.25	4.47	− 6	36	88
16	− 2	9	6.6	2.02	15.53	− 4	56.23	4.48	− 9	36	88
17	+ 3	10	5.2	2.16	15.57	+ 5	56.23	4.49	−10	36	88
18	+ 8	+10	3.9	+2.30	+15.61	+13	56.25	+4.50	− 9	37	88
19	+12	10	2.6	2.44	15.64	+19	56.28	4.50	− 6	37	88
20	+13	9	1.0	2.57	15.68	+22	56.33	4.51	− 2	37	88
21	+13	8	23.4	2.71	15.71	+21	56.38	4.52	+ 1	38	88
22	+10	8	21.4	2.85	15.75	+16	56.42	4.53	+ 5	38	87
23	+ 5	8	19.6	2.99	15.78	+ 9	56.46	4.54	+ 8	38	87
24	− 1	+ 9	17.8	+3.13	+15.81	− 1	56.48	+4.55	+ 9	38	87
25	− 7	10	16.2	3.26	15.84	−11	56.49	4.57	+ 9	39	87
26	−13	11	14.7	3.40	15.86	−21	56.48	4.58	+ 7	39	87
27	−17	12	13.3	3.54	15.89	−28	56.46	4.59	+ 4	39	87
28	−18	12	11.8	3.68	15.91	−30	56.42	4.60	0	40	87
29	−17	12	10.4	3.81	15.94	−28	56.39	4.61	− 5	40	87
30	−13	+12	9.0	+3.95	+15.96	−21	56.37	+4.62	− 8	40	86
31	− 6	11	7.5	4.09	15.98	−10	56.36	4.64	−10	40	86
Febr. 1	+ 1	10	5.6	4.23	15.99	+ 2	56.38	4.65	−10	41	86
2	+ 8	9	3.5	4.36	16.01	+13	56.42	4.66	− 7	41	86
3	+13	9	1.0	4.50	16.02	+21	56.47	4.67	− 2	41	86
4	+14	10	22.9	4.64	16.04	+23	56.53	4.68	+ 3	41	86
5	+12	+11	21.1	+4.78	+16.05	+20	56.59	+4.70	+ 7	42	86
6	+ 7	11	19.7	4.91	16.06	+12	56.63	4.71	+10	42	86
7	+ 1	10	18.3	5.05	16.06	+ 2	56.64	4.72	+10	42	85
8	− 4	9	16.7	5.19	16.07	− 7	56.63	4.73	+ 8	42	85
9	− 8	7	14.5	5.33	16.07	−13	56.60	4.75	+ 4	43	85
10	− 9	+ 6	11.6	+5.46	+16.08	−15	56.57	+4.76	− 1	43	85

Reduktionsgrößen 1935

Tag	0ʰ Welt-Zeit								
	Stern-zeit Greenw.	*t*	*f*	log *g*	*G*	log *h*	*H*	log *i*	*i*
1935	h	a	s		h m		h m		″
Febr. 10	9.3	0.1087	+1.317	0.9916	22 3.9	1.2897	20 48.4	0.7973*n*	−6.270
11	9.3	0.1115	1.326	0.9940	22 4.3	1.2891	20 44.3	0.8035*n*	6.361
12	9.4	0.1142	1.334	0.9963	22 4.6	1.2884	20 40.2	0.8095*n*	6.449
13	9.5	0.1169	1.342	0.9987	22 5.0	1.2878	20 36.1	0.8153*n*	6.536
14	9.5	0.1197	1.351	1.0010	22 5.4	1.2871	20 32.0	0.8209*n*	6.621
15	9.6	0.1224	1.359	1.0032	22 5.7	1.2865	20 27.8	0.8263*n*	6.704
16	9.7	0.1251	+1.367	1.0054	22 6.0	1.2858	20 23.7	0.8315*n*	−6.784
17	9.7	0.1279	1.375	1.0076	22 6.4	1.2852	20 19.5	0.8365*n*	6.862
18	9.8	0.1306	1.382	1.0097	22 6.7	1.2846	20 15.3	0.8413*n*	6.939
19	9.9	0.1334	1.390	1.0118	22 7.1	1.2840	20 11.1	0.8459*n*	7.013
20	9.9	0.1361	1.398	1.0138	22 7.4	1.2834	20 6.9	0.8503*n*	7.084
21	10.0	0.1388	1.406	1.0158	22 7.7	1.2828	20 2.7	0.8545*n*	7.154
22	10.1	0.1416	+1.413	1.0178	22 8.1	1.2822	19 58.5	0.8587*n*	−7.222
23	10.1	0.1443	1.420	1.0197	22 8.4	1.2817	19 54.3	0.8625*n*	7.287
24	10.2	0.1471	1.428	1.0216	22 8.7	1.2811	19 50.0	0.8663*n*	7.350
25	10.3	0.1498	1.435	1.0235	22 9.1	1.2806	19 45.8	0.8698*n*	7.410
26	10.3	0.1525	1.442	1.0254	22 9.4	1.2801	19 41.5	0.8732*n*	7.468
27	10.4	0.1553	1.449	1.0272	22 9.7	1.2796	19 37.3	0.8764*n*	7.524
28	10.5	0.1580	+1.456	1.0289	22 10.1	1.2791	19 33.0	0.8796*n*	−7.578
März 1	10.5	0.1607	1.463	1.0307	22 10.4	1.2786	19 28.7	0.8825*n*	7.629
2	10.6	0.1635	1.470	1.0324	22 10.7	1.2782	19 24.5	0.8852*n*	7.678
3	10.7	0.1662	1.477	1.0341	22 11.1	1.2778	19 20.2	0.8879*n*	7.725
4	10.7	0.1690	1.484	1.0357	22 11.4	1.2773	19 15.9	0.8904*n*	7.769
5	10.8	0.1717	1.490	1.0373	22 11.8	1.2769	19 11.6	0.8927*n*	7.810
6	10.9	0.1744	+1.497	1.0389	22 12.1	1.2766	19 7.3	0.8948*n*	−7.849
7	10.9	0.1772	1.504	1.0405	22 12.5	1.2762	19 3.0	0.8969*n*	7.886
8	11.0	0.1799	1.510	1.0421	22 12.8	1.2759	18 58.7	0.8987*n*	7.920
9	11.1	0.1826	1.517	1.0436	22 13.2	1.2756	18 54.3	0.9005*n*	7.952
10	11.1	0.1854	1.523	1.0451	22 13.6	1.2753	18 50.0	0.9021*n*	7.982
11	11.2	0.1881	1.530	1.0466	22 14.0	1.2750	18 45.7	0.9036*n*	8.009
12	11.2	0.1909	+1.536	1.0480	22 14.4	1.2748	18 41.4	0.9049*n*	−8.034
13	11.3	0.1936	1.542	1.0494	22 14.8	1.2746	18 37.0	0.9061*n*	8.056
14	11.4	0.1963	1.549	1.0508	22 15.2	1.2744	18 32.7	0.9071*n*	8.075
15	11.4	0.1991	1.555	1.0522	22 15.6	1.2742	18 28.4	0.9081*n*	8.093
16	11.5	0.2018	1.561	1.0536	22 16.0	1.2741	18 24.0	0.9089*n*	8.108
17	11.6	0.2045	1.568	1.0550	22 16.4	1.2739	18 19.7	0.9096*n*	8.120
18	11.6	0.2073	+1.574	1.0563	22 16.9	1.2738	18 15.4	0.9101*n*	−8.130
19	11.7	0.2100	1.580	1.0576	22 17.3	1.2738	18 11.0	0.9105*n*	8.138
20	11.8	0.2128	1.586	1.0588	22 17.8	1.2737	18 6.7	0.9108*n*	8.143
21	11.8	0.2155	1.593	1.0601	22 18.3	1.2737	18 2.4	0.9109*n*	8.145
22	11.9	0.2182	1.599	1.0614	22 18.7	1.2737	17 58.0	0.9109*n*	8.145
23	12.0	0.2210	+1.605	1.0627	22 19.2	1.2737	17 53.7	0.9108*n*	−8.143

Tag	0h Welt-Zeit										
	f'	g'	G'	Allgemeine Präzession seit 1935.0	$\Delta\psi$	$\Delta\psi'$	Wahre Schiefe	$\Delta\varepsilon$	$\Delta\varepsilon'$	j	k
1935	s in 0.001	" in 0.01				" in 0.01	23° 26′		" in 0.01	in 0.001	
Febr. 10	− 9	+ 6	h 11.6	+ 5.46"	+16.08"	−15	56.57"	+4.76"	− 1	43	85
11	− 7	7	8.8	5.60	16.08	−12	56.53	4.77	− 5	43	85
12	− 3	9	6.9	5.74	16.08	− 5	56.51	4.78	− 8	43	85
13	+ 2	10	5.4	5.88	16.08	+ 4	56.50	4.79	−10	44	85
14	+ 8	11	4.1	6.02	16.07	+12	56.52	4.81	− 9	44	85
15	+12	10	2.9	6.15	16.07	+19	56.55	4.82	− 7	44	84
16	+14	+10	1.4	+ 6.29	+16.06	+23	56.60	+4.83	− 4	44	84
17	+14	9	23.9	6.43	16.05	+23	56.65	4.84	0	44	84
18	+12	9	22.1	6.57	16.04	+19	56.69	4.85	+ 4	45	84
19	+ 7	9	20.2	6.70	16.03	+12	56.73	4.86	+ 7	45	84
20	+ 2	9	18.5	6.84	16.02	+ 3	56.76	4.87	+ 9	45	84
21	− 4	10	16.8	6.98	16.01	− 7	56.77	4.88	+ 9	45	84
22	−10	+10	15.3	+ 7.12	+15.99	−17	56.76	+4.89	+ 8	45	84
23	−15	11	13.7	7.25	15.97	−25	56.74	4.90	+ 5	46	84
24	−18	12	12.3	7.39	15.96	−29	56.71	4.91	+ 1	46	83
25	−18	12	10.8	7.53	15.94	−29	56.67	4.91	− 4	46	83
26	−14	12	9.5	7.67	15.92	−24	56.64	4.92	− 7	46	83
27	− 9	11	8.0	7.80	15.89	−14	56.62	4.93	−10	46	83
28	− 2	+10	6.4	+ 7.94	+15.87	− 3	56.62	+4.93	−10	47	83
März 1	+ 5	8	4.4	8.08	15.85	+ 8	56.65	4.94	− 8	47	83
2	+10	8	1.9	8.22	15.82	+17	56.69	4.94	− 4	47	83
3	+13	8	23.4	8.35	15.80	+21	56.75	4.95	+ 1	47	83
4	+12	10	21.4	8.49	15.77	+19	56.80	4.95	+ 6	47	83
5	+ 8	10	19.9	8.63	15.74	+13	56.83	4.96	+ 9	48	83
6	+ 2	+11	18.5	+ 8.77	+15.71	+ 3	56.85	+4.96	+11	48	83
7	− 4	9	17.0	8.91	15.68	− 6	56.84	4.96	+ 9	48	82
8	− 8	8	15.2	9.04	15.65	−13	56.80	4.97	+ 6	48	82
9	− 9	6	12.6	9.18	15.62	−16	56.76	4.97	+ 1	48	82
10	− 8	7	9.7	9.32	15.59	−13	56.71	4.97	− 4	48	82
11	− 4	8	7.4	9.46	15.56	− 7	56.67	4.97	− 8	49	82
12	+ 1	+10	5.8	+ 9.59	+15.53	+ 1	56.64	+4.97	−10	49	82
13	+ 6	11	4.4	9.73	15.49	+11	56.64	4.97	−10	49	82
14	+11	11	3.1	9.87	15.46	+18	56.66	4.96	− 8	49	82
15	+14	10	1.8	10.01	15.42	+23	56.69	4.96	− 5	49	82
16	+15	10	0.4	10.14	15.39	+24	56.72	4.96	− 1	49	82
17	+13	9	22.7	10.28	15.35	+21	56.75	4.95	+ 3	50	82
18	+ 9	+ 9	20.9	+10.42	+15.32	+15	56.78	+4.95	+ 6	50	82
19	+ 4	9	19.2	10.56	15.28	+ 7	56.79	4.94	+ 8	50	82
20	− 2	9	17.5	10.69	15.25	− 3	56.80	4.94	+ 9	50	82
21	− 8	10	15.9	10.83	15.21	−13	56.78	4.93	+ 8	50	82
22	−13	10	14.3	10.97	15.17	−21	56.75	4.93	+ 6	50	82
23	−16	+11	12.8	+11.11	+15.14	−27	56.70	+4.92	+ 2	50	82

Tag	0h Welt-Zeit								
	Stern-zeit Greenw.	t	f	log g	G	log h	H	log i	i
1935	h	a	s		h m		h m		"
März 23	12.0	0.2210	+1.605	1.0627	22 19.2	1.2737	17 53.7	0.9108n	−8.143
24	12.0	0.2237	1.611	1.0639	22 19.7	1.2737	17 49.4	0.9105n	8.138
25	12.1	0.2265	1.618	1.0652	22 20.2	1.2738	17 45.1	0.9101n	8.131
26	12.2	0.2292	1.624	1.0664	22 20.7	1.2739	17 40.8	0.9096n	8.121
27	12.2	0.2319	1.630	1.0676	22 21.3	1.2740	17 36.4	0.9090n	8.109
28	12.3	0.2347	1.636	1.0689	22 21.8	1.2742	17 32.1	0.9082n	8.095
29	12.4	0.2374	+1.643	1.0700	22 22.3	1.2743	17 27.8	0.9073n	−8.078
30	12.4	0.2401	1.649	1.0712	22 22.9	1.2745	17 23.5	0.9063n	8.059
31	12.5	0.2429	1.655	1.0724	22 23.4	1.2748	17 19.3	0.9051n	8.037
April 1	12.6	0.2456	1.662	1.0736	22 24.0	1.2750	17 15.0	0.9038n	8.013
2	12.6	0.2484	1.668	1.0748	22 24.6	1.2752	17 10.7	0.9024n	7.987
3	12.7	0.2511	1.675	1.0760	22 25.2	1.2755	17 6.4	0.9008n	7.958
4	12.8	0.2538	+1.681	1.0771	22 25.8	1.2758	17 2.2	0.8991n	−7.927
5	12.8	0.2566	1.688	1.0783	22 26.4	1.2761	16 57.9	0.8973n	7.894
6	12.9	0.2593	1.694	1.0795	22 27.0	1.2765	16 53.7	0.8953n	7.858
7	13.0	0.2620	1.701	1.0807	22 27.6	1.2768	16 49.5	0.8932n	7.820
8	13.0	0.2648	1.707	1.0819	22 28.2	1.2772	16 45.2	0.8909n	7.779
9	13.1	0.2675	1.714	1.0830	22 28.9	1.2776	16 41.0	0.8885n	7.736
10	13.2	0.2703	+1.721	1.0843	22 29.5	1.2781	16 36.8	0.8860n	−7.692
11	13.2	0.2730	1.727	1.0855	22 30.2	1.2785	16 32.6	0.8834n	7.645
12	13.3	0.2757	1.734	1.0867	22 30.8	1.2789	16 28.5	0.8806n	7.596
13	13.4	0.2785	1.741	1.0879	22 31.5	1.2794	16 24.3	0.8777n	7.545
14	13.4	0.2812	1.748	1.0891	22 32.2	1.2799	16 20.1	0.8745n	7.491
15	13.5	0.2839	1.755	1.0904	22 32.9	1.2804	16 16.0	0.8713n	7.435
16	13.5	0.2867	+1.762	1.0916	22 33.6	1.2809	16 11.9	0.8679n	−7.377
17	13.6	0.2894	1.769	1.0928	22 34.3	1.2814	16 7.7	0.8643n	7.317
18	13.7	0.2922	1.777	1.0941	22 35.0	1.2820	16 3.6	0.8606n	7.255
19	13.7	0.2949	1.784	1.0953	22 35.7	1.2825	15 59.5	0.8568n	7.191
20	13.8	0.2976	1.791	1.0966	22 36.4	1.2831	15 55.5	0.8527n	7.124
21	13.9	0.3004	1.799	1.0979	22 37.1	1.2836	15 51.4	0.8486n	7.056
22	13.9	0.3031	+1.806	1.0992	22 37.8	1.2842	15 47.3	0.8442n	−6.986
23	14.0	0.3059	1.814	1.1005	22 38.5	1.2848	15 43.3	0.8397n	6.914
24	14.1	0.3086	1.822	1.1018	22 39.3	1.2854	15 39.3	0.8351n	6.840
25	14.1	0.3113	1.830	1.1032	22 40.0	1.2860	15 35.2	0.8302n	6.764
26	14.2	0.3141	1.837	1.1045	22 40.7	1.2866	15 31.2	0.8252n	6.686
27	14.3	0.3168	1.845	1.1059	22 41.5	1.2872	15 27.3	0.8199n	6.605
28	14.3	0.3195	+1.853	1.1073	22 42.2	1.2879	15 23.3	0.8144n	−6.523
29	14.4	0.3223	1.862	1.1087	22 42.9	1.2885	15 19.3	0.8088n	6.439
30	14.5	0.3250	1.870	1.1101	22 43.7	1.2891	15 15.4	0.8030n	6.354
Mai 1	14.5	0.3278	1.878	1.1115	22 44.4	1.2897	15 11.4	0.7971n	6.267
2	14.6	0.3305	1.886	1.1130	22 45.2	1.2904	15 7.5	0.7908n	6.178
3	14.7	0.3332	+1.895	1.1144	22 45.9	1.2910	15 3.6	0.7844n	−6.087

Tag	0h Welt-Zeit										
	f'	g'	G'	Allgemeine Präzession seit 1935.0	$\Delta\psi$	$\Delta\psi'$	Wahre Schiefe	$\Delta\varepsilon$	$\Delta\varepsilon'$	j	k
1935	in 0.001 s	in 0.01″				in 0.01″	23°26′		in 0.01″	in 0.001	
März 23	−16	+11	12.8 h	+11.11″	+15.14″	−27	56.70″	+4.92″	+ 2	50	82
24	−17	11	11.3	11.24	15.10	−28	56.65	4.91	− 2	51	82
25	−15	12	9.8	11.38	15.07	−25	56.59	4.90	− 6	51	82
26	−10	11	8.4	11.52	15.03	−17	56.55	4.89	− 9	51	82
27	− 4	10	6.9	11.66	14.99	− 6	56.53	4.88	−10	51	82
28	+ 3	9	5.1	11.80	14.96	+ 5	56.53	4.87	− 9	51	82
29	+ 9	+ 8	2.9	+11.93	+14.93	+14	56.56	+4.86	− 5	51	82
30	+12	8	0.3	12.07	14.89	+19	56.59	4.84	− 1	51	82
31	+12	9	21.9	12.21	14.86	+19	56.63	4.83	+ 4	52	82
April 1	+ 8	10	20.2	12.35	14.82	+14	56.65	4.82	+ 8	52	82
2	+ 3	11	18.7	12.48	14.79	+ 5	56.66	4.80	+10	52	82
3	− 3	10	17.2	12.62	14.76	− 5	56.64	4.79	+10	52	82
4	− 8	+ 9	15.6	+12.76	+14.73	−13	56.59	+4.77	+ 7	52	82
5	−10	7	13.4	12.90	14.69	−17	56.53	4.76	+ 3	52	82
6	−10	7	10.7	13.03	14.66	−16	56.46	4.74	− 2	52	83
7	− 6	8	8.2	13.17	14.63	−11	56.40	4.72	− 7	53	83
8	− 1	9	6.3	13.31	14.60	− 2	56.35	4.71	− 9	53	83
9	+ 5	10	4.9	13.45	14.58	+ 8	56.33	4.69	−10	53	83
10	+10	+11	3.5	+13.58	+14.55	+16	56.32	+4.67	− 9	53	83
11	+14	11	2.2	13.72	14.52	+22	56.33	4.65	− 6	53	83
12	+15	10	0.8	13.86	14.50	+25	56.35	4.63	− 2	53	83
13	+14	9	23.2	14.00	14.47	+23	56.36	4.61	+ 2	53	83
14	+11	9	21.5	14.13	14.45	+18	56.38	4.59	+ 5	54	83
15	+ 6	9	19.8	14.27	14.43	+10	56.38	4.57	+ 8	54	83
16	0	+ 9	18.1	+14.41	+14.40	+ 1	56.37	+4.55	+ 9	54	83
17	− 6	9	16.5	14.55	14.38	− 9	56.34	4.52	+ 9	54	83
18	−11	10	14.9	14.69	14.37	−18	56.30	4.50	+ 7	54	84
19	−15	10	13.3	14.82	14.35	−24	56.24	4.48	+ 3	54	84
20	−16	11	11.7	14.96	14.33	−27	56.17	4.46	− 1	55	84
21	−15	11	10.2	15.10	14.31	−25	56.11	4.43	− 5	55	84
22	−11	+11	8.7	+15.24	+14.30	−18	56.05	+4.41	− 8	55	84
23	− 5	10	7.2	15.37	14.29	− 8	56.01	4.39	−10	55	84
24	+ 2	10	5.6	15.51	14.27	+ 3	55.99	4.36	− 9	55	84
25	+ 8	8	3.5	15.65	14.26	+13	55.99	4.34	− 7	55	84
26	+11	8	1.1	15.79	14.25	+19	56.01	4.31	− 2	56	84
27	+12	8	22.7	15.92	14.25	+20	56.03	4.29	+ 3	56	85
28	+10	+10	20.7	+16.06	+14.24	+16	56.05	+4.26	+ 7	56	85
29	+ 4	10	19.1	16.20	14.23	+ 7	56.05	4.24	+10	56	85
30	− 2	10	17.6	16.34	14.23	− 3	56.03	4.21	+10	56	85
Mai 1	− 7	9	16.0	16.47	14.23	−12	55.98	4.19	+ 8	56	85
2	−11	8	14.1	16.61	14.22	−18	55.91	4.16	+ 4	57	85
3	−12	+ 7	11.6	+16.75	+14.23	−19	55.84	+4.14	− 1	57	85

Reductionsgrößen 1935

Tag		0h Welt-Zeit								
		Sternzeit Greenw.	t	f	log g	G	log h	H	log i	i
1935		h	s	s		h m		h m		"
Mai	3	14.7	0.3332	+1.895	1.1144	22 45.9	1.2910	15 3.6	0.7844n	−6.087
	4	14.7	0.3360	1.903	1.1159	22 46.6	1.2916	14 59.7	0.7778n	5.995
	5	14.8	0.3387	1.912	1.1174	22 47.4	1.2923	14 55.8	0.7709n	5.901
	6	14.9	0.3414	1.920	1.1189	22 48.1	1.2929	14 51.9	0.7638n	5.805
	7	14.9	0.3442	1.929	1.1205	22 48.8	1.2935	14 48.1	0.7565n	5.708
	8	15.0	0.3469	1.938	1.1220	22 49.6	1.2942	14 44.2	0.7489n	5.609
	9	15.1	0.3497	+1.947	1.1236	22 50.3	1.2948	14 40.4	0.7410n	−5.508
	10	15.1	0.3524	1.956	1.1252	22 51.0	1.2954	14 36.6	0.7329n	5.406
	11	15.2	0.3551	1.965	1.1267	22 51.7	1.2960	14 32.8	0.7244n	5.302
	12	15.3	0.3579	1.974	1.1284	22 52.4	1.2966	14 29.0	0.7158n	5.197
	13	15.3	0.3606	1.983	1.1300	22 53.2	1.2972	14 25.2	0.7068n	5.091
	14	15.4	0.3633	1.993	1.1317	22 53.9	1.2978	14 21.4	0.6976n	4.984
	15	15.5	0.3661	+2.002	1.1333	22 54.6	1.2984	14 17.7	0.6880n	−4.875
	16	15.5	0.3688	2.011	1.1350	22 55.3	1.2990	14 13.9	0.6780n	4.764
	17	15.6	0.3716	2.021	1.1367	22 56.0	1.2996	14 10.2	0.6676n	4.652
	18	15.7	0.3743	2.031	1.1384	22 56.6	1.3002	14 6.5	0.6570n	4.539
	19	15.7	0.3770	2.041	1.1401	22 57.3	1.3007	14 2.8	0.6458n	4.424
	20	15.8	0.3798	2.050	1.1418	22 58.0	1.3013	13 59.1	0.6344n	4.309
	21	15.8	0.3825	+2.060	1.1436	22 58.7	1.3018	13 55.4	0.6225n	−4.193
	22	15.9	0.3853	2.070	1.1454	22 59.3	1.3023	13 51.7	0.6101n	4.075
	23	16.0	0.3880	2.080	1.1471	23 0.0	1.3029	13 48.0	0.5973n	3.956
	24	16.0	0.3907	2.091	1.1489	23 0.6	1.3034	13 44.4	0.5839n	3.836
	25	16.1	0.3935	2.101	1.1507	23 1.2	1.3038	13 40.7	0.5700n	3.715
	26	16.2	0.3962	2.111	1.1525	23 1.8	1.3043	13 37.1	0.5555n	3.593
	27	16.2	0.3989	+2.121	1.1543	23 2.5	1.3048	13 33.4	0.5403n	−3.470
	28	16.3	0.4017	2.132	1.1562	23 3.1	1.3052	13 29.8	0.5245n	3.346
	29	16.4	0.4044	2.142	1.1580	23 3.6	1.3057	13 26.2	0.5080n	3.221
	30	16.4	0.4072	2.153	1.1599	23 4.2	1.3061	13 22.6	0.4907n	3.095
	31	16.5	0.4099	2.163	1.1617	23 4.8	1.3065	13 19.0	0.4726n	2.969
Juni	1	16.6	0.4126	2.174	1.1636	23 5.4	1.3069	13 15.4	0.4536n	2.842
	2	16.6	0.4154	+2.184	1.1655	23 5.9	1.3073	13 11.8	0.4334n	−2.713
	3	16.7	0.4181	2.195	1.1673	23 6.5	1.3076	13 8.3	0.4123n	2.584
	4	16.8	0.4208	2.206	1.1692	23 7.0	1.3080	13 4.7	0.3901n	2.455
	5	16.8	0.4236	2.217	1.1711	23 7.5	1.3083	13 1.1	0.3666n	2.326
	6	16.9	0.4263	2.227	1.1730	23 8.0	1.3086	12 57.6	0.3414n	2.195
	7	17.0	0.4291	2.238	1.1749	23 8.5	1.3089	12 54.0	0.3145n	2.063
	8	17.0	0.4318	+2.249	1.1768	23 9.0	1.3092	12 50.5	0.2858n	−1.931
	9	17.1	0.4345	2.260	1.1787	23 9.5	1.3094	12 46.9	0.2550n	1.799
	10	17.2	0.4373	2.271	1.1807	23 9.9	1.3097	12 43.4	0.2219n	1.667
	11	17.2	0.4400	2.282	1.1826	23 10.4	1.3099	12 39.9	0.1858n	1.534
	12	17.3	0.4427	2.293	1.1845	23 10.8	1.3101	12 36.3	0.1461n	1.400
	13	17.4	0.4455	+2.304	1.1864	23 11.2	1.3103	12 32.8	0.1024n	−1.266

Tag	0h Welt-Zeit										
	f'	g'	G'	Allgemeine Präzession seit 1935.0	$\Delta\psi$	$\Delta\psi'$	Wahre Schiefe	$\Delta\varepsilon$	$\Delta\varepsilon'$	j	k
1935	in 0.001 (s)	in 0.01 (")				in 0.01 (")	23° 26'		in 0.01 (")	in 0.001	
Mai 3	−12	+ 7	11.6 (h)	+16.75 (")	+14.23 (")	−19	55.84 (")	+4.14 (")	− 1	57	85
4	− 9	8	9.2	16.89	14.23	−14	55.76	4.11	− 5	57	85
5	− 4	9	7.1	17.02	14.23	− 6	55.70	4.08	− 9	57	86
6	+ 2	10	5.5	17.16	14.24	+ 3	55.66	4.06	−10	57	86
7	+ 8	11	4.0	17.30	14.24	+13	55.64	4.03	− 9	58	86
8	+12	11	2.6	17.44	14.25	+20	55.64	4.01	− 7	58	86
9	+15	+10	1.2	+17.58	+14.26	+24	55.65	+3.98	− 3	58	86
10	+15	9	23.7	17.71	14.27	+24	55.66	3.95	+ 1	58	86
11	+12	9	22.0	17.85	14.28	+20	55.67	3.93	+ 4	58	86
12	+ 8	9	20.3	17.99	14.29	+13	55.67	3.90	+ 7	59	86
13	+ 2	9	18.6	18.13	14.30	+ 3	55.66	3.88	+ 9	59	87
14	− 4	9	17.0	18.26	14.32	− 6	55.64	3.85	+ 9	59	87
15	− 9	+10	15.4	+18.40	+14.34	−16	55.59	+3.83	+ 7	59	87
16	−14	10	13.7	18.54	14.35	−23	55.54	3.80	+ 4	60	87
17	−16	10	12.2	18.68	14.37	−26	55.47	3.78	+ 1	60	87
18	−15	11	10.7	18.81	14.39	−25	55.40	3.75	− 4	60	87
19	−12	11	9.2	18.95	14.42	−20	55.34	3.73	− 7	60	87
20	− 7	10	7.7	19.09	14.44	−11	55.30	3.70	− 9	60	87
21	0	+10	6.0	+19.23	+14.46	0	55.27	+3.68	−10	61	87
22	+ 7	9	4.0	19.36	14.49	+11	55.26	3.66	− 8	61	88
23	+11	8	1.7	19.50	14.52	+19	55.28	3.63	− 4	61	88
24	+13	9	23.5	19.64	14.54	+22	55.30	3.61	+ 1	62	88
25	+12	10	21.5	19.78	14.57	+19	55.33	3.59	+ 6	62	88
26	+ 7	10	19.8	19.91	14.60	+11	55.34	3.57	+ 9	62	88
27	+ 1	+10	18.2	+20.05	+14.63	+ 1	55.32	+3.54	+10	62	88
28	− 5	10	16.6	20.19	14.67	− 9	55.29	3.52	+ 9	63	88
29	−10	9	14.7	20.33	14.70	−16	55.23	3.50	+ 6	63	88
30	−12	8	12.4	20.47	14.73	−19	55.16	3.48	+ 1	63	88
31	−10	8	9.9	20.60	14.77	−17	55.09	3.46	− 4	63	88
Juni 1	− 6	9	7.9	20.74	14.80	−10	55.03	3.44	− 8	64	89
2	0	+10	6.1	+20.88	+14.84	− 1	54.99	+3.42	−10	64	89
3	+ 6	10	4.6	21.02	14.88	+ 9	54.97	3.40	−10	64	89
4	+11	10	3.2	21.15	14.92	+18	54.97	3.38	− 8	64	89
5	+14	10	1.7	21.29	14.96	+23	54.99	3.37	− 4	65	89
6	+15	9	0.2	21.43	15.00	+24	55.01	3.35	0	65	89
7	+13	9	22.5	21.57	15.04	+21	55.03	3.33	+ 3	65	89
8	+ 9	+ 9	20.7	+21.70	+15.08	+15	55.04	+3.32	+ 7	66	89
9	+ 4	9	19.0	21.84	15.12	+ 6	55.05	3.30	+ 9	66	89
10	− 2	9	17.4	21.98	15.16	− 4	55.03	3.28	+ 9	66	89
11	− 8	10	15.7	22.12	15.20	−13	55.01	3.27	+ 8	66	89
12	−13	10	14.2	22.25	15.25	−21	54.96	3.26	+ 5	67	89
13	−16	+11	12.7	+22.39	+15.29	−26	54.92	+3.24	+ 2	67	89

Reduktionsgrößen 1935

Tag	0h Welt-Zeit								
	Sternzeit Greenw.	t	f	log g	G	log h	H	log i	i
1935	h	s	s		h m		h m		"
Juni 13	17.4	0.4455	+2.304	1.1864	23 11.2	1.3103	12 32.8	0.1024n	−1.266
14	17.4	0.4482	2.315	1.1883	23 11.7	1.3104	12 29.3	0.0535n	1.131
15	17.5	0.4510	2.327	1.1903	23 12.1	1.3106	12 25.8	9.9983n	0.996
16	17.6	0.4537	2.338	1.1922	23 12.5	1.3107	12 22.3	9.9350n	0.861
17	17.6	0.4564	2.349	1.1941	23 12.9	1.3108	12 18.8	9.8609n	0.726
18	17.7	0.4592	2.360	1.1960	23 13.2	1.3109	12 15.3	9.7716n	0.591
19	17.8	0.4619	+2.371	1.1979	23 13.6	1.3110	12 11.8	9.6590n	−0.456
20	17.8	0.4646	2.383	1.1999	23 13.9	1.3111	12 8.3	9.5051n	0.320
21	17.9	0.4674	2.394	1.2018	23 14.3	1.3111	12 4.8	9.2648n	0.184
22	17.9	0.4701	2.405	1.2037	23 14.6	1.3111	12 1.3	8.6902n	−0.049
23	18.0	0.4729	2.416	1.2056	23 14.9	1.3111	11 57.8	8.9395	+0.087
24	18.1	0.4756	2.427	1.2075	23 15.2	1.3111	11 54.3	9.3483	0.223
25	18.1	0.4783	+2.439	1.2094	23 15.5	1.3110	11 50.8	9.5539	+0.358
26	18.2	0.4811	2.450	1.2112	23 15.8	1.3110	11 47.3	9.6928	0.493
27	18.3	0.4838	2.461	1.2131	23 16.1	1.3109	11 43.8	9.7980	0.628
28	18.3	0.4866	2.472	1.2150	23 16.3	1.3108	11 40.3	9.8825	0.763
29	18.4	0.4893	2.483	1.2169	23 16.6	1.3107	11 36.7	9.9533	0.898
30	18.5	0.4920	2.494	1.2187	23 16.8	1.3106	11 33.2	0.0141	1.033
Juli 1	18.5	0.4948	+2.506	1.2206	23 17.0	1.3104	11 29.7	0.0671	+1.167
2	18.6	0.4975	2.517	1.2224	23 17.3	1.3102	11 26.2	0.1143	1.301
3	18.7	0.5002	2.528	1.2242	23 17.5	1.3100	11 22.7	0.1565	1.434
4	18.7	0.5030	2.539	1.2261	23 17.7	1.3098	11 19.2	0.1951	1.567
5	18.8	0.5057	2.550	1.2279	23 17.9	1.3096	11 15.7	0.2304	1.700
6	18.9	0.5085	2.561	1.2297	23 18.0	1.3094	11 12.1	0.2632	1.833
7	18.9	0.5112	+2.572	1.2315	23 18.2	1.3091	11 8.6	0.2934	+1.965
8	19.0	0.5139	2.583	1.2332	23 18.4	1.3088	11 5.1	0.3214	2.096
9	19.1	0.5167	2.593	1.2350	23 18.5	1.3085	11 1.5	0.3477	2.227
10	19.1	0.5194	2.604	1.2367	23 18.7	1.3082	10 58.0	0.3724	2.357
11	19.2	0.5221	2.615	1.2385	23 18.8	1.3079	10 54.4	0.3957	2.487
12	19.3	0.5249	2.626	1.2402	23 19.0	1.3075	10 50.9	0.4175	2.615
13	19.3	0.5276	+2.636	1.2419	23 19.1	1.3072	10 47.3	0.4382	+2.743
14	19.4	0.5304	2.647	1.2436	23 19.2	1.3068	10 43.8	0.4579	2.870
15	19.5	0.5331	2.657	1.2453	23 19.3	1.3064	10 40.2	0.4765	2.996
16	19.5	0.5358	2.668	1.2470	23 19.4	1.3060	10 36.6	0.4944	3.122
17	19.6	0.5386	2.678	1.2487	23 19.5	1.3056	10 33.0	0.5115	3.247
18	19.7	0.5413	2.689	1.2503	23 19.6	1.3051	10 29.4	0.5278	3.371
19	19.7	0.5440	+2.699	1.2520	23 19.7	1.3047	10 25.8	0.5433	+3.494
20	19.8	0.5468	2.709	1.2536	23 19.7	1.3042	10 22.2	0.5582	3.616
21	19.9	0.5495	2.720	1.2552	23 19.8	1.3038	10 18.6	0.5725	3.737
22	19.9	0.5523	2.730	1.2568	23 19.9	1.3033	10 15.0	0.5862	3.857
23	20.0	0.5550	2.740	1.2584	23 19.9	1.3028	10 11.3	0.5994	3.976
24	20.1	0.5577	+2.750	1.2600	23 20.0	1.3022	10 7.7	0.6121	+4.094

Tag	0ʰ Welt-Zeit										
	f'	g'	G'	Allgemeine Präzession seit 1935.0	$\Delta\psi$	$\Delta\psi'$	Wahre Schiefe	$\Delta\varepsilon$	$\Delta\varepsilon'$	j	k
1935	in 0ˢ.001	in 0″.01	ʰ	″	″	in 0″.01	23° 26′ ″	″	in 0″.01	in 0.001	
Juni 13	−16	+11	12.7	+22.39	+15.29	−26	54.92	+3.24	+ 2	67	89
14	−16	11	11.2	22.53	15.34	−27	54.86	3.23	− 2	67	89
15	−14	11	9.7	22.67	15.38	−23	54.81	3.22	− 6	68	89
16	− 9	11	8.2	22.80	15.43	−15	54.77	3.20	− 9	68	89
17	− 2	10	6.6	22.94	15.47	− 4	54.74	3.19	−10	68	89
18	+ 5	9	4.7	23.08	15.52	+ 8	54.75	3.18	− 8	69	89
19	+10	+ 9	2.5	+23.22	+15.56	+17	54.77	+3.17	− 5	69	89
20	+13	9	0.2	23.36	15.61	+22	54.80	3.16	0	69	89
21	+13	10	22.2	23.49	15.65	+22	54.84	3.15	+ 4	69	89
22	+10	10	20.5	23.63	15.70	+16	54.87	3.15	+ 8	70	89
23	+ 4	11	18.9	23.77	15.75	+ 6	54.88	3.14	+10	70	89
24	− 3	10	17.3	23.91	15.79	− 4	54.87	3.13	+10	70	89
25	− 8	+ 9	15.6	+24.04	+15.84	−13	54.83	+3.12	+ 7	71	89
26	−11	7	13.3	24.18	15.88	−18	54.78	3.12	+ 2	71	89
27	−11	7	10.7	24.32	15.93	−17	54.72	3.11	− 2	71	89
28	− 7	8	8.4	24.46	15.97	−12	54.68	3.11	− 7	72	89
29	− 2	9	6.6	24.59	16.02	− 4	54.64	3.10	− 9	72	89
30	+ 4	10	5.1	24.73	16.06	+ 6	54.63	3.10	−10	72	89
Juli 1	+ 9	+10	3.6	+24.87	+16.11	+15	54.64	+3.10	− 8	73	89
2	+13	10	2.1	25.01	16.15	+21	54.67	3.09	− 5	73	89
3	+14	9	0.6	25.14	16.19	+24	54.70	3.09	− 1	73	89
4	+13	9	23.0	25.28	16.24	+22	54.74	3.09	+ 2	73	89
5	+10	9	21.2	25.42	16.28	+16	54.77	3.09	+ 6	74	89
6	+ 5	9	19.5	25.56	16.32	+ 8	54.79	3.09	+ 8	74	89
7	− 1	+ 9	17.8	+25.69	+16.36	− 1	54.80	+3.09	+ 9	74	89
8	− 7	9	16.1	25.83	16.40	−11	54.80	3.09	+ 8	75	89
9	−12	10	14.6	25.97	16.44	−20	54.78	3.09	+ 6	75	89
10	−16	11	13.1	26.11	16.48	−26	54.74	3.09	+ 3	75	89
11	−17	11	11.7	26.25	16.52	−28	54.70	3.09	− 1	76	89
12	−16	11	10.3	26.38	16.56	−26	54.66	3.10	− 5	76	89
13	−12	+11	8.8	+26.52	+16.59	−19	54.63	+3.10	− 8	76	89
14	− 5	10	7.3	26.66	16.63	− 9	54.62	3.10	−10	76	88
15	+ 2	9	5.5	26.80	16.67	+ 3	54.63	3.11	− 9	77	88
16	+ 8	8	3.4	26.93	16.70	+13	54.66	3.11	− 6	77	88
17	+12	8	1.0	27.07	16.73	+20	54.71	3.12	− 2	77	88
18	+13	9	22.8	27.21	16.77	+22	54.76	3.12	+ 3	78	88
19	+11	+10	21.0	+27.35	+16.80	+18	54.81	+3.13	+ 7	78	88
20	+ 6	11	19.5	27.48	16.83	+10	54.84	3.13	+10	78	88
21	0	10	18.0	27.62	16.86	0	54.85	3.14	+10	79	88
22	− 5	9	16.4	27.76	16.88	− 9	54.83	3.15	+ 8	79	88
23	− 9	7	14.2	27.90	16.91	−15	54.80	3.15	+ 4	79	88
24	−10	+ 7	11.5	+28.03	+16.94	−17	54.75	+3.16	− 1	79	88

Tag		0h Welt-Zeit								
		Stern-zeit Greenw.	t	f	log g	G	log h	H	log i	i
1935		h	s	s		h m		h m		"
Juli	24	20.1	0.5577	+2.750	1.2600	23 20.0	1.3022	10 7.7	0.6121	+4.094
	25	20.1	0.5605	2.760	1.2615	23 20.0	1.3017	10 4.0	0.6244	4.211
	26	20.2	0.5632	2.769	1.2630	23 20.1	1.3012	10 0.4	0.6362	4.327
	27	20.2	0.5660	2.779	1.2646	23 20.1	1.3006	9 56.7	0.6475	4.441
	28	20.3	0.5687	2.789	1.2660	23 20.1	1.3001	9 53.0	0.6584	4.554
	29	20.4	0.5714	2.798	1.2675	23 20.2	1.2995	9 49.3	0.6689	4.666
	30	20.4	0.5742	+2.808	1.2690	23 20.2	1.2989	9 45.6	0.6792	+4.777
	31	20.5	0.5769	2.817	1.2704	23 20.2	1.2984	9 41.9	0.6890	4.886
Aug.	1	20.6	0.5796	2.827	1.2719	23 20.2	1.2978	9 38.2	0.6984	4.994
	2	20.6	0.5824	2.836	1.2733	23 20.2	1.2972	9 34.4	0.7077	5.101
	3	20.7	0.5851	2.845	1.2747	23 20.2	1.2966	9 30.7	0.7166	5.207
	4	20.8	0.5879	2.854	1.2761	23 20.2	1.2960	9 26.9	0.7252	5.311
	5	20.8	0.5906	+2.863	1.2775	23 20.2	1.2954	9 23.1	0.7334	+5.413
	6	20.9	0.5933	2.872	1.2789	23 20.2	1.2948	9 19.4	0.7415	5.514
	7	21.0	0.5961	2.881	1.2802	23 20.2	1.2941	9 15.6	0.7492	5.613
	8	21.0	0.5988	2.890	1.2816	23 20.2	1.2935	9 11.8	0.7567	5.711
	9	21.1	0.6015	2.899	1.2829	23 20.2	1.2929	9 7.9	0.7640	5.808
	10	21.2	0.6043	2.907	1.2842	23 20.2	1.2923	9 4.1	0.7711	5.903
	11	21.2	0.6070	+2.916	1.2854	23 20.2	1.2916	9 0.3	0.7779	+5.996
	12	21.3	0.6098	2.924	1.2867	23 20.2	1.2910	8 56.4	0.7844	6.087
	13	21.4	0.6125	2.933	1.2879	23 20.2	1.2904	8 52.5	0.7908	6.177
	14	21.4	0.6152	2.941	1.2891	23 20.2	1.2897	8 48.6	0.7969	6.265
	15	21.5	0.6180	2.949	1.2903	23 20.2	1.2891	8 44.7	0.8029	6.352
	16	21.6	0.6207	2.957	1.2915	23 20.2	1.2885	8 40.8	0.8087	6.437
	17	21.6	0.6234	+2.965	1.2927	23 20.2	1.2879	8 36.9	0.8142	+6.520
	18	21.7	0.6262	2.973	1.2938	23 20.2	1.2873	8 33.0	0.8196	6.601
	19	21.8	0.6289	2.981	1.2950	23 20.2	1.2867	8 29.0	0.8247	6.679
	20	21.8	0.6317	2.989	1.2961	23 20.2	1.2861	8 25.1	0.8297	6.756
	21	21.9	0.6344	2.996	1.2973	23 20.2	1.2855	8 21.1	0.8345	6.832
	22	22.0	0.6371	3.004	1.2984	23 20.2	1.2849	8 17.1	0.8392	6.906
	23	22.0	0.6399	+3.012	1.2994	23 20.2	1.2843	8 13.1	0.8437	+6.977
	24	22.1	0.6426	3.019	1.3005	23 20.2	1.2837	8 9.1	0.8480	7.047
	25	22.2	0.6454	3.027	1.3016	23 20.2	1.2831	8 5.1	0.8522	7.115
	26	22.2	0.6481	3.034	1.3026	23 20.2	1.2826	8 1.1	0.8562	7.181
	27	22.3	0.6508	3.041	1.3037	23 20.2	1.2821	7 57.0	0.8600	7.245
	28	22.4	0.6536	3.048	1.3047	23 20.2	1.2815	7 53.0	0.8637	7.307
	29	22.4	0.6563	+3.055	1.3057	23 20.2	1.2810	7 48.9	0.8672	+7.366
	30	22.5	0.6590	3.062	1.3067	23 20.2	1.2805	7 44.8	0.8706	7.423
	31	22.5	0.6618	3.069	1.3077	23 20.3	1.2800	7 40.7	0.8738	7.479
Sept.	1	22.6	0.6645	3.076	1.3086	23 20.3	1.2795	7 36.6	0.8770	7.533
	2	22.7	0.6673	3.083	1.3096	23 20.3	1.2790	7 32.5	0.8799	7.584
	3	22.7	0.6700	+3.090	1.3105	23 20.3	1.2786	7 28.4	0.8827	+7.633

Tag	0h Welt-Zeit										
	f'	g'	G'	Allgemeine Präzession seit 1935.0	$\Delta\psi$	$\Delta\psi'$	Wahre Schiefe	$\Delta\varepsilon$	$\Delta\varepsilon'$	j	k
1935	in 0.s001	in 0."01	h	"	"	in 0."01	23° 26' "	"	in 0."01	in 0.001	
Juli 24	−10	+ 7	11.5	+28.03	+16.94	−17	54.75	+3.16	− 1	79	88
25	− 8	8	8.9	28.17	16.96	−13	54.72	3.17	− 5	80	87
26	− 3	9	6.9	28.31	16.98	− 5	54.69	3.18	− 9	80	87
27	+ 3	10	5.4	28.45	17.01	+ 4	54.69	3.19	−10	80	87
28	+ 8	11	4.0	28.58	17.03	+14	54.70	3.19	− 9	81	87
29	+13	10	2.6	28.72	17.05	+21	54.73	3.20	− 6	81	87
30	+15	+10	1.1	+28.86	+17.06	+24	54.78	+3.21	− 3	81	87
31	+14	9	23.5	29.00	17.08	+23	54.83	3.22	+ 1	81	87
Aug. 1	+12	9	21.8	29.14	17.10	+19	54.87	3.23	+ 5	82	87
2	+ 7	9	20.1	29.27	17.11	+11	54.91	3.24	+ 8	82	87
3	+ 1	9	18.3	29.41	17.12	+ 2	54.93	3.25	+ 9	82	86
4	− 5	9	16.7	29.55	17.13	− 8	54.94	3.26	+ 9	82	86
5	−10	+10	15.1	+29.69	+17.14	−17	54.93	+3.27	+ 7	83	86
6	−15	10	13.6	29.82	17.15	−24	54.91	3.28	+ 4	83	86
7	−17	11	12.1	29.96	17.16	−28	54.88	3.29	0	83	86
8	−17	12	10.7	30.10	17.17	−28	54.85	3.30	− 4	83	86
9	−14	12	9.4	30.24	17.17	−23	54.82	3.31	− 7	84	86
10	− 8	11	8.0	30.37	17.18	−14	54.81	3.32	− 9	84	86
11	− 2	+ 9	6.4	+30.51	+17.18	− 3	54.82	+3.33	− 9	84	85
12	+ 5	8	4.5	30.65	17.18	+ 8	54.84	3.34	− 7	84	85
13	+10	7	1.9	30.79	17.18	+16	54.89	3.35	− 4	85	85
14	+12	8	23.5	30.92	17.17	+20	54.95	3.36	+ 1	85	85
15	+11	9	21.5	31.06	17.17	+18	55.00	3.37	+ 6	85	85
16	+ 7	10	19.9	31.20	17.16	+12	55.05	3.38	+ 9	85	85
17	+ 2	+10	18.4	+31.34	+17.16	+ 3	55.07	+3.39	+10	86	85
18	− 4	9	17.0	31.47	17.15	− 6	55.06	3.40	+ 9	86	85
19	− 8	8	15.0	31.61	17.14	−13	55.03	3.41	+ 5	86	84
20	−10	6	12.4	31.75	17.13	−16	54.99	3.42	+ 1	86	84
21	− 8	7	9.6	31.89	17.12	−14	54.96	3.43	− 4	87	84
22	− 4	8	7.3	32.03	17.11	− 7	54.92	3.44	− 8	87	84
23	+ 1	+10	5.7	+32.16	+17.09	+ 2	54.91	+3.45	−10	87	84
24	+ 7	11	4.2	32.30	17.08	+12	54.92	3.45	−10	87	84
25	+12	11	2.9	32.44	17.06	+20	54.95	3.46	− 7	87	84
26	+15	11	1.5	32.58	17.04	+25	54.99	3.47	− 4	88	84
27	+15	10	0.0	32.71	17.02	+25	55.04	3.48	0	88	84
28	+13	10	22.4	32.85	17.00	+22	55.08	3.48	+ 4	88	83
29	+ 9	+ 9	20.7	+32.99	+16.98	+15	55.12	+3.49	+ 7	88	83
30	+ 4	9	19.0	33.13	16.96	+ 6	55.14	3.50	+ 9	88	83
31	− 2	9	17.3	33.26	16.93	− 4	55.15	3.50	+ 9	89	83
Sept. 1	− 8	9	15.6	33.40	16.91	−14	55.14	3.51	+ 8	89	83
2	−13	10	14.1	33.54	16.88	−21	55.12	3.51	+ 5	89	83
3	−16	+11	12.5	+33.68	+16.86	−27	55.08	+3.52	+ 1	89	83

Tag	0h Welt-Zeit								
	Sternzeit Greenw.	t	f	log g	G	log h	H	log i	i
1935	h	a	s		h m		h m		"
Sept. 3	22.7	0.6700	+3.090	1.3105	23 20.3	1.2786	7 28.4	0.8827	+7.633
4	22.8	0.6727	3.096	1.3115	23 20.4	1.2782	7 24.3	0.8854	7.680
5	22.9	0.6755	3.103	1.3124	23 20.4	1.2777	7 20.1	0.8879	7.725
6	22.9	0.6782	3.110	1.3133	23 20.5	1.2773	7 16.0	0.8903	7.768
7	23.0	0.6809	3.116	1.3142	23 20.5	1.2770	7 11.8	0.8925	7.808
8	23.1	0.6837	3.123	1.3150	23 20.6	1.2766	7 7.6	0.8946	7.846
9	23.1	0.6864	+3.129	1.3159	23 20.7	1.2763	7 3.5	0.8966	+7.882
10	23.2	0.6892	3.136	1.3168	23 20.7	1.2759	6 59.3	0.8985	7.915
11	23.3	0.6919	3.142	1.3177	23 20.8	1.2756	6 55.1	0.9002	7.947
12	23.3	0.6946	3.148	1.3185	23 20.9	1.2754	6 50.9	0.9018	7.977
13	23.4	0.6974	3.155	1.3194	23 21.0	1.2751	6 46.6	0.9033	8.004
14	23.5	0.7001	3.161	1.3202	23 21.0	1.2748	6 42.4	0.9046	8.028
15	23.5	0.7028	+3.167	1.3210	23 21.1	1.2746	6 38.2	0.9058	+8.050
16	23.6	0.7056	3.173	1.3218	23 21.2	1.2744	6 34.0	0.9069	8.070
17	23.7	0.7083	3.179	1.3226	23 21.3	1.2743	6 29.7	0.9078	8.088
18	23.7	0.7111	3.186	1.3234	23 21.5	1.2741	6 25.5	0.9086	8.103
19	23.8	0.7138	3.192	1.3242	23 21.6	1.2740	6 21.2	0.9093	8.116
20	23.9	0.7165	3.198	1.3250	23 21.7	1.2739	6 17.0	0.9099	8.127
21	23.9	0.7193	+3.204	1.3258	23 21.8	1.2738	6 12.7	0.9104	+8.135
22	0.0	0.7220	3.210	1.3266	23 22.0	1.2737	6 8.5	0.9107	8.141
23	0.1	0.7248	3.216	1.3274	23 22.1	1.2737	6 4.2	0.9109	8.145
24	0.1	0.7275	3.222	1.3282	23 22.3	1.2737	5 59.9	0.9109	8.146
25	0.2	0.7302	3.228	1.3289	23 22.4	1.2737	5 55.6	0.9108	8.144
26	0.3	0.7330	3.234	1.3297	23 22.6	1.2737	5 51.4	0.9106	8.140
27	0.3	0.7357	+3.240	1.3304	23 22.7	1.2738	5 47.1	0.9103	+8.134
28	0.4	0.7384	3.246	1.3312	23 22.9	1.2739	5 42.8	0.9099	8.126
29	0.5	0.7412	3.252	1.3320	23 23.1	1.2740	5 38.5	0.9093	8.115
30	0.5	0.7439	3.259	1.3327	23 23.3	1.2741	5 34.3	0.9086	8.102
Okt. 1	0.6	0.7467	3.265	1.3335	23 23.5	1.2743	5 30.0	0.9078	8.087
2	0.7	0.7494	3.271	1.3342	23 23.7	1.2744	5 25.7	0.9068	8.069
3	0.7	0.7521	+3.277	1.3350	23 23.9	1.2746	5 21.4	0.9057	+8.049
4	0.8	0.7549	3.283	1.3357	23 24.1	1.2749	5 17.2	0.9045	8.026
5	0.8	0.7576	3.290	1.3365	23 24.3	1.2751	5 12.9	0.9031	8.001
6	0.9	0.7603	3.296	1.3373	23 24.5	1.2754	5 8.6	0.9016	7.973
7	1.0	0.7631	3.302	1.3380	23 24.8	1.2757	5 4.4	0.9000	7.943
8	1.0	0.7658	3.308	1.3388	23 25.0	1.2760	5 0.1	0.8982	7.911
9	1.1	0.7686	+3.315	1.3395	23 25.2	1.2763	4 55.8	0.8963	+7.876
10	1.2	0.7713	3.321	1.3403	23 25.5	1.2767	4 51.6	0.8943	7.839
11	1.2	0.7740	3.328	1.3411	23 25.7	1.2770	4 47.3	0.8921	7.800
12	1.3	0.7768	3.334	1.3418	23 26.0	1.2774	4 43.1	0.8897	7.758
13	1.4	0.7795	3.341	1.3426	23 26.3	1.2778	4 38.9	0.8873	7.714
14	1.4	0.7822	+3.347	1.3434	23 26.5	1.2783	4 34.6	0.8847	+7.668

Tag	0h Welt-Zeit										
	f'	g'	G'	Allgemeine Präzession seit 1935.0	$\Delta\psi$	$\Delta\psi'$	Wahre Schiefe	$\Delta\varepsilon$	$\Delta\varepsilon'$	j	k
1935	in 0.s001	in 0."01				in 0."01	23° 26′		in 0."01	in 0.001	
Sept. 3	−16	+11	12h.5	+33".68	+16".86	−27	55".08	+3".52	+ 1	89	83
4	−17	11	11.1	33.81	16.83	−27	55.04	3.52	− 3	89	83
5	−15	12	9.8	33.95	16.80	−24	55.01	3.53	− 6	90	83
6	−10	11	8.5	34.09	16.77	−17	54.99	3.53	− 9	90	83
7	− 4	10	7.1	34.23	16.74	− 7	54.98	3.53	−10	90	83
8	+ 2	8	5.4	34.36	16.71	+ 3	54.99	3.53	− 8	90	83
9	+ 7	+ 7	3.1	+34.50	+16.67	+12	55.03	+3.54	− 5	90	83
10	+10	7	0.3	34.64	16.64	+17	55.07	3.54	0	91	82
11	+11	8	21.9	34.78	16.61	+17	55.12	3.54	+ 4	91	82
12	+ 8	9	20.1	34.92	16.57	+13	55.16	3.54	+ 8	91	82
13	+ 3	10	18.6	35.05	16.54	+ 4	55.18	3.54	+10	91	82
14	− 3	10	17.2	35.19	16.50	− 5	55.17	3.54	+10	91	82
15	− 8	+ 8	15.6	+35.33	+16.47	−13	55.14	+3.53	+ 7	91	82
16	−10	7	13.4	35.47	16.43	−16	55.09	3.53	+ 2	92	82
17	− 9	7	10.5	35.60	16.39	−15	55.03	3.53	− 3	92	82
18	− 6	8	7.9	35.74	16.36	− 9	54.99	3.52	− 7	92	82
19	0	9	6.1	35.88	16.32	0	54.95	3.52	− 9	92	82
20	+ 6	11	4.6	36.02	16.28	+10	54.94	3.51	−10	92	82
21	+12	+11	3.2	+36.15	+16.24	+19	54.95	+3.51	− 8	92	82
22	+15	11	1.8	36.29	16.21	+25	54.98	3.50	− 5	93	82
23	+16	11	0.4	36.43	16.17	+27	55.01	3.50	− 1	93	82
24	+15	10	22.9	36.57	16.13	+24	55.04	3.49	+ 3	93	82
25	+11	10	21.3	36.70	16.09	+18	55.06	3.48	+ 6	93	82
26	+ 6	9	19.7	36.84	16.05	+10	55.08	3.47	+ 8	93	82
27	0	+ 9	18.0	+36.98	+16.01	0	55.07	+3.46	+ 9	93	82
28	− 6	9	16.3	37.12	15.97	−10	55.05	3.45	+ 8	94	82
29	−11	9	14.6	37.25	15.94	−18	55.02	3.44	+ 6	94	82
30	−15	10	13.0	37.39	15.90	−24	54.97	3.43	+ 2	94	82
Okt. 1	−16	11	11.5	37.53	15.86	−26	54.92	3.42	− 1	94	82
2	−15	11	10.2	37.67	15.82	−25	54.87	3.41	− 5	94	82
3	−11	+11	8.8	+37.81	+15.79	−19	54.82	+3.39	− 8	94	82
4	− 6	10	7.5	37.94	15.75	−10	54.79	3.38	−10	95	82
5	0	9	6.0	38.08	15.71	0	54.78	3.37	− 9	95	82
6	+ 6	7	3.9	38.22	15.68	+ 9	54.80	3.35	− 6	95	82
7	+ 9	6	1.2	38.36	15.64	+15	54.82	3.33	− 2	95	82
8	+10	7	22.4	38.49	15.61	+17	54.85	3.32	+ 3	95	82
9	+ 8	+ 9	20.4	+38.63	+15.58	+13	54.88	+3.30	+ 7	95	82
10	+ 3	10	18.9	38.77	15.54	+ 5	54.88	3.28	+10	96	83
11	− 2	10	17.4	38.91	15.51	− 4	54.87	3.27	+10	96	83
12	− 8	9	15.9	39.04	15.48	−13	54.83	3.25	+ 8	96	83
13	−11	8	13.9	39.18	15.45	−18	54.77	3.23	+ 4	96	83
14	−11	+ 7	11.5	+39.32	+15.42	−18	54.70	+3.21	− 1	96	83

Tag		0h Welt-Zeit								
		Sternzeit Greenw.	t	f	$\log g$	G	$\log h$	H	$\log i$	i
1935		h	a	s		h m		h m		"
Okt.	14	1.4	0.7822	+3.347	1.3434	23 26.5	1.2783	4 34.6	0.8847	+7.668
	15	1.5	0.7850	3.354	1.3442	23 26.8	1.2787	4 30.4	0.8819	7.619
	16	1.6	0.7877	3.361	1.3450	23 27.1	1.2792	4 26.2	0.8790	7.568
	17	1.6	0.7905	3.368	1.3458	23 27.4	1.2797	4 22.0	0.8759	7.515
	18	1.7	0.7932	3.374	1.3466	23 27.6	1.2802	4 17.8	0.8727	7.460
	19	1.8	0.7959	3.381	1.3474	23 27.9	1.2807	4 13.6	0.8693	7.402
	20	1.8	0.7987	+3.388	1.3482	23 28.2	1.2812	4 9.4	0.8658	+7.342
	21	1.9	0.8014	3.395	1.3491	23 28.5	1.2818	4 5.2	0.8621	7.280
	22	2.0	0.8042	3.403	1.3499	23 28.8	1.2823	4 1.0	0.8582	7.215
	23	2.0	0.8069	3.410	1.3508	23 29.2	1.2829	3 56.9	0.8542	7.148
	24	2.1	0.8096	3.417	1.3516	23 29.5	1.2834	3 52.7	0.8499	7.078
	25	2.2	0.8124	3.424	1.3525	23 29.8	1.2840	3 48.6	0.8455	7.007
	26	2.2	0.8151	+3.432	1.3533	23 30.1	1.2846	3 44.4	0.8410	+6.934
	27	2.3	0.8178	3.440	1.3542	23 30.4	1.2853	3 40.3	0.8363	6.859
	28	2.4	0.8206	3.447	1.3551	23 30.7	1.2859	3 36.2	0.8313	6.781
	29	2.4	0.8233	3.455	1.3560	23 31.1	1.2865	3 32.1	0.8261	6.701
	30	2.5	0.8261	3.463	1.3569	23 31.4	1.2871	3 28.0	0.8209	6.620
	31	2.6	0.8288	3.471	1.3578	23 31.7	1.2878	3 23.9	0.8153	6.536
Nov.	1	2.6	0.8315	+3.479	1.3588	23 32.1	1.2884	3 19.8	0.8096	+6.450
	2	2.7	0.8343	3.487	1.3597	23 32.4	1.2890	3 15.7	0.8036	6.362
	3	2.8	0.8370	3.495	1.3606	23 32.7	1.2897	3 11.7	0.7974	6.272
	4	2.8	0.8397	3.503	1.3616	23 33.0	1.2904	3 7.6	0.7911	6.181
	5	2.9	0.8425	3.512	1.3626	23 33.4	1.2910	3 3.6	0.7844	6.087
	6	3.0	0.8452	3.520	1.3635	23 33.7	1.2917	2 59.5	0.7775	5.991
	7	3.0	0.8480	+3.529	1.3645	23 34.0	1.2923	2 55.5	0.7703	+5.893
	8	3.1	0.8507	3.537	1.3655	23 34.4	1.2930	2 51.5	0.7630	5.794
	9	3.1	0.8534	3.546	1.3665	23 34.7	1.2936	2 47.5	0.7553	5.693
	10	3.2	0.8562	3.555	1.3675	23 35.0	1.2943	2 43.5	0.7473	5.589
	11	3.3	0.8589	3.564	1.3685	23 35.4	1.2949	2 39.5	0.7391	5.484
	12	3.3	0.8616	3.573	1.3696	23 35.7	1.2956	2 35.6	0.7306	5.378
	13	3.4	0.8644	+3.582	1.3706	23 36.0	1.2962	2 31.6	0.7218	+5.270
	14	3.5	0.8671	3.591	1.3717	23 36.4	1.2969	2 27.6	0.7126	5.160
	15	3.5	0.8699	3.601	1.3728	23 36.7	1.2975	2 23.7	0.7031	5.048
	16	3.6	0.8726	3.610	1.3738	23 37.0	1.2981	2 19.8	0.6933	4.935
	17	3.7	0.8753	3.620	1.3749	23 37.3	1.2987	2 15.8	0.6830	4.820
	18	3.7	0.8781	3.629	1.3760	23 37.6	1.2993	2 11.9	0.6725	4.704
	19	3.8	0.8808	+3.639	1.3771	23 38.0	1.2999	2 8.0	0.6614	+4.586
	20	3.9	0.8835	3.649	1.3782	23 38.3	1.3005	2 4.1	0.6500	4.467
	21	3.9	0.8863	3.659	1.3794	23 38.6	1.3011	2 0.3	0.6381	4.346
	22	4.0	0.8890	3.669	1.3805	23 38.9	1.3017	1 56.4	0.6257	4.224
	23	4.1	0.8918	3.679	1.3816	23 39.2	1.3022	1 52.5	0.6129	4.101
	24	4.1	0.8945	+3.689	1.3828	23 39.5	1.3028	1 48.6	0.5994	+3.976

Tag	0h Welt-Zeit										
	f'	g'	G'	Allgemeine Präzession seit 1935.0	$\Delta\psi$	$\Delta\psi'$	Wahre Schiefe	$\Delta\varepsilon$	$\Delta\varepsilon'$	j	k
1935	in 0.s001	in 0.″01	h	″	″	in 0.″01	23° 26′ ″	″	in 0.″01	in 0.001	
Okt. 14	−11	+ 7	11.5	+39.32	+15.42	−18	54.70	+3.21	− 1	96	83
15	− 8	8	8.9	39.46	15.39	−13	54.63	3.19	− 5	96	83
16	− 3	9	6.7	39.59	15.36	− 4	54.57	3.17	− 9	97	83
17	+ 4	10	5.1	39.73	15.34	+ 6	54.54	3.15	−10	97	83
18	+10	11	3.6	39.87	15.31	+16	54.53	3.12	− 9	97	83
19	+14	11	2.3	40.01	15.29	+24	54.53	3.10	− 6	97	83
20	+16	+11	0.8	+40.14	+15.27	+27	54.55	+3.08	− 2	97	83
21	+16	11	23.4	40.28	15.24	+26	54.56	3.06	+ 2	97	84
22	+13	10	21.9	40.42	15.22	+21	54.57	3.03	+ 5	98	84
23	+ 8	9	20.3	40.56	15.20	+13	54.57	3.01	+ 8	98	84
24	+ 2	9	18.6	40.70	15.19	+ 4	54.56	2.98	+ 9	98	84
25	− 4	9	17.0	40.83	15.17	− 6	54.53	2.96	+ 9	98	84
26	− 9	+ 9	15.2	+40.97	+15.15	−15	54.48	+2.93	+ 7	98	84
27	−13	9	13.6	41.11	15.14	−21	54.43	2.91	+ 4	99	84
28	−15	9	12.0	41.25	15.13	−25	54.36	2.88	0	99	84
29	−15	10	10.5	41.38	15.12	−24	54.30	2.86	− 4	99	84
30	−12	11	9.1	41.52	15.11	−20	54.24	2.83	− 7	99	85
31	− 7	10	7.8	41.66	15.10	−12	54.19	2.80	− 9	99	85
Nov. 1	− 1	+ 9	6.2	+41.80	+15.09	− 2	54.15	+2.78	− 9	100	85
2	+ 5	8	4.5	41.93	15.09	+ 8	54.15	2.75	− 7	100	85
3	+ 9	7	2.0	42.07	15.08	+15	54.16	2.72	− 3	100	85
4	+11	7	23.3	42.21	15.08	+17	54.18	2.70	+ 1	100	85
5	+ 9	8	21.0	42.35	15.08	+15	54.20	2.67	+ 6	101	85
6	+ 5	9	19.3	42.48	15.08	+ 8	54.20	2.64	+ 9	101	85
7	− 1	+10	17.7	+42.62	+15.08	− 2	54.18	+2.62	+10	101	86
8	− 7	10	16.2	42.76	15.09	−11	54.14	2.59	+ 9	101	86
9	−11	9	14.5	42.90	15.09	−18	54.08	2.56	+ 5	102	86
10	−12	8	12.3	43.03	15.10	−20	54.00	2.53	+ 1	102	86
11	−10	8	9.9	43.17	15.11	−17	53.92	2.50	− 4	102	86
12	− 6	9	7.7	43.31	15.12	− 9	53.86	2.48	− 8	102	86
13	+ 1	+10	5.8	+43.45	+15.13	+ 1	53.81	+2.45	−10	102	86
14	+ 7	11	4.2	43.59	15.15	+12	53.78	2.42	−10	103	86
15	+13	11	2.7	43.72	15.16	+21	53.78	2.40	− 7	103	87
16	+16	11	1.3	43.86	15.18	+26	53.79	2.37	− 4	103	87
17	+16	11	23.9	44.00	15.20	+27	53.80	2.34	0	104	87
18	+14	10	22.4	44.14	15.22	+23	53.81	2.31	+ 4	104	87
19	+10	+10	20.8	+44.27	+15.24	+16	53.81	+2.29	+ 7	104	87
20	+ 4	9	19.1	44.41	15.26	+ 7	53.80	2.26	+ 9	104	87
21	− 2	9	17.5	44.55	15.29	− 3	53.77	2.23	+ 9	105	87
22	− 7	9	15.7	44.69	15.31	−12	53.73	2.21	+ 7	105	87
23	−12	9	14.1	44.82	15.34	−19	53.68	2.18	+ 5	105	88
24	−14	+ 9	12.5	+44.96	+15.37	−24	53.61	+2.16	+ 1	105	88

Tag	0h Welt-Zeit								
	Sternzeit Greenw.	t	f	log g	G	log h	H	log i	i
1935	h	s	s		h m		h m		"
Nov. 24	4.1	0.8945	+3.689	1.3828	23 39.5	1.3028	1 48.6	0.5994	+3.976
25	4.2	0.8972	3.699	1.3839	23 39.8	1.3033	1 44.8	0.5855	3.850
26	4.3	0.9000	3.710	1.3851	23 40.0	1.3038	1 40.9	0.5708	3.722
27	4.3	0.9027	3.720	1.3863	23 40.3	1.3043	1 37.1	0.5556	3.594
28	4.4	0.9055	3.731	1.3875	23 40.6	1.3048	1 33.3	0.5397	3.465
29	4.5	0.9082	3.741	1.3887	23 40.9	1.3053	1 29.5	0.5230	3.334
30	4.5	0.9109	+3.752	1.3898	23 41.1	1.3057	1 25.6	0.5054	+3.202
Dez. 1	4.6	0.9137	3.763	1.3910	23 41.4	1.3062	1 21.8	0.4870	3.069
2	4.7	0.9164	3.773	1.3922	23 41.7	1.3066	1 18.0	0.4676	2.935
3	4.7	0.9191	3.784	1.3935	23 41.9	1.3070	1 14.2	0.4470	2.799
4	4.8	0.9219	3.795	1.3947	23 42.2	1.3074	1 10.5	0.4254	2.663
5	4.9	0.9246	3.806	1.3959	23 42.4	1.3078	1 6.7	0.4026	2.527
6	4.9	0.9274	+3.817	1.3971	23 42.6	1.3081	1 2.9	0.3782	+2.389
7	5.0	0.9301	3.828	1.3984	23 42.9	1.3085	0 59.1	0.3524	2.251
8	5.1	0.9328	3.840	1.3996	23 43.1	1.3088	0 55.3	0.3247	2.112
9	5.1	0.9356	3.851	1.4008	23 43.3	1.3091	0 51.6	0.2949	1.972
10	5.2	0.9383	3.862	1.4021	23 43.5	1.3094	0 47.8	0.2629	1.832
11	5.3	0.9410	3.873	1.4033	23 43.7	1.3096	0 44.1	0.2281	1.691
12	5.3	0.9438	+3.885	1.4046	23 43.9	1.3099	0 40.3	0.1901	+1.549
13	5.4	0.9465	3.896	1.4058	23 44.1	1.3101	0 36.6	0.1480	1.406
14	5.4	0.9493	3.907	1.4071	23 44.2	1.3103	0 32.8	0.1014	1.263
15	5.5	0.9520	3.919	1.4083	23 44.4	1.3104	0 29.1	0.0492	1.120
16	5.6	0.9547	3.930	1.4096	23 44.6	1.3106	0 25.3	9.9899	0.977
17	5.6	0.9575	3.942	1.4108	23 44.7	1.3107	0 21.6	9.9212	0.834
18	5.7	0.9602	+3.953	1.4121	23 44.9	1.3109	0 17.8	9.8388	+0.690
19	5.8	0.9629	3.965	1.4133	23 45.0	1.3110	0 14.1	9.7372	0.546
20	5.8	0.9657	3.976	1.4146	23 45.2	1.3110	0 10.3	9.6031	0.401
21	5.9	0.9684	3.988	1.4158	23 45.3	1.3111	0 6.6	9.4082	0.256
22	6.0	0.9712	4.000	1.4171	23 45.4	1.3111	0 2.9	9.0453	+0.111
23	6.0	0.9739	4.011	1.4183	23 45.6	1.3111	23 59.1	8.5185*n*	−0.033
24	6.1	0.9766	+4.023	1.4196	23 45.7	1.3111	23 55.4	9.2504*n*	−0.178
25	6.2	0.9794	4.034	1.4208	23 45.8	1.3111	23 51.6	9.5092*n*	0.323
26	6.2	0.9821	4.046	1.4220	23 45.9	1.3110	23 47.9	9.6702*n*	0.468
27	6.3	0.9849	4.058	1.4233	23 45.9	1.3109	23 44.2	9.7868*n*	0.612
28	6.4	0.9876	4.069	1.4245	23 46.0	1.3108	23 40.4	9.8785*n*	0.756
29	6.4	0.9903	4.081	1.4257	23 46.1	1.3107	23 36.7	9.9542*n*	0.900
30	6.5	0.9931	+4.092	1.4269	23 46.2	1.3105	23 32.9	0.0187*n*	−1.044
31	6.6	0.9958	4.104	1.4282	23 46.2	1.3104	23 29.2	0.0748*n*	1.188
32	6.6	0.9985	+4.115	1.4293	23 46.3	1.3102	23 25.4	0.1245*n*	−1.332

Tag	0ʰ Welt-Zeit										
	f'	g'	G'	Allgemeine Präzession seit 1935.0	$\Delta\psi$	$\Delta\psi'$	Wahre Schiefe	$\Delta\varepsilon$	$\Delta\varepsilon'$	j	k
1935	in 0.ˢ001	in 0.″01	ʰ	″	″	in 0.″01	23°26′ ″	″	in 0.″01	in 0.001	
Nov. 24	−14	+ 9	12.5	+44.96	+15.37	−24	53.61	+2.16	+ 1	105	88
25	−15	10	10.9	45.10	15.40	−24	53.55	2.13	− 3	106	88
26	−13	10	9.5	45.24	15.43	−21	53.49	2.11	− 6	106	88
27	− 8	10	8.1	45.37	15.47	−13	53.44	2.09	− 9	106	88
28	− 2	9	6.6	45.51	15.50	− 4	53.41	2.06	− 9	107	88
29	+ 4	9	4.9	45.65	15.54	+ 6	53.40	2.04	− 8	107	88
30	+ 9	+ 7	2.7	+45.79	+15.57	+14	53.41	+2.02	− 5	107	88
Dez. 1	+11	7	0.2	45.92	15.61	+18	53.43	1.99	0	107	88
2	+11	8	21.9	46.06	15.65	+17	53.45	1.97	+ 4	108	88
3	+ 7	9	20.0	46.20	15.69	+12	53.46	1.95	+ 8	108	88
4	+ 1	10	18.4	46.34	15.73	+ 2	53.46	1.93	+10	108	89
5	− 5	10	16.8	46.48	15.77	− 8	53.44	1.91	+10	109	89
6	−10	+ 9	15.1	+46.61	+15.82	−16	53.39	+1.89	+ 7	109	89
7	−12	9	13.1	46.75	15.86	−20	53.32	1.87	+ 2	109	89
8	−12	8	10.7	46.89	15.91	−19	53.25	1.85	− 3	110	89
9	− 8	9	8.5	47.03	15.95	−13	53.19	1.83	− 7	110	89
10	− 2	9	6.6	47.16	16.00	− 3	53.15	1.82	− 9	110	89
11	+ 4	10	4.9	47.30	16.05	+ 7	53.12	1.80	−10	110	89
12	+11	+11	3.3	+47.44	+16.10	+17	53.12	+1.78	− 8	111	89
13	+15	11	1.8	47.58	16.14	+24	53.14	1.77	− 5	111	89
14	+16	10	0.3	47.71	16.19	+26	53.16	1.75	− 1	111	89
15	+15	10	22.8	47.85	16.24	+24	53.19	1.74	+ 3	112	89
16	+11	10	21.2	47.99	16.29	+18	53.21	1.72	+ 6	112	89
17	+ 6	9	19.6	48.13	16.34	+ 9	53.21	1.71	+ 8	112	89
18	0	+ 9	18.0	+48.26	+16.39	0	53.20	+1.70	+ 9	113	89
19	− 6	9	16.3	48.40	16.45	−10	53.18	1.69	+ 8	113	89
20	−11	9	14.5	48.54	16.50	−18	53.14	1.68	+ 5	113	89
21	−14	9	12.9	48.68	16.55	−23	53.10	1.67	+ 2	114	89
22	−15	10	11.3	48.81	16.60	−25	53.05	1.66	− 2	114	89
23	−14	10	10.0	48.95	16.65	−22	53.00	1.65	− 5	114	89
24	−10	+10	8.6	+49.09	+16.71	−16	52.97	+1.64	− 8	115	89
25	− 4	10	7.1	49.23	16.76	− 7	52.95	1.63	− 9	115	89
26	+ 2	9	5.5	49.37	16.81	+ 3	52.95	1.63	− 9	115	89
27	+ 7	8	3.4	49.50	16.86	+12	52.96	1.62	− 6	116	89
28	+11	7	1.0	49.64	16.91	+18	53.00	1.62	− 2	116	89
29	+12	8	22.7	49.78	16.96	+19	53.03	1.61	+ 3	116	89
30	+ 9	+ 9	20.8	+49.92	+17.01	+16	53.08	+1.61	+ 7	117	89
31	+ 4	10	19.1	50.05	17.06	+ 7	53.10	1.61	+10	117	89
32	− 2	+10	17.6	+50.19	+17.11	− 3	53.10	+1.60	+10	117	89

Reduktionsgrößen 1935

für 12^h Sternzeit Greenwich

Welt-Zeit	*t*	*A*	Δ	*A′*	*B*	Δ	*B′*	*C*	Δ	*D*	Δ
1935	a			in 0.00001	″		in 0.001 ″	″		″	
Jan. 0.225	−0.0029	+0.29017	381	−583	−4.423	1	− 15	− 2.893	329	+20.225	59
1.222	−0.0002	0.29398	379	−577	4.422	0	+ 29	3.222	328	20.166	65
2.220	+0.0025	0.29777	378	−470	4.422	0	+ 70	3.550	327	20.101	72
3.217	0.0053	0.30155	377	−275	4.422	1	+ 95	3.877	325	20.029	78
4.214	0.0080	0.30532	376	− 31	4.423	2	+103	4.202	324	19.951	85
5.211	0.0107	0.30908	374	+214	4.425	2	+ 84	4.526	323	19.866	91
6.209	0.0135	+0.31282	373	+402	−4.427	3	+ 45	− 4.849	321	+19.775	96
7.206	0.0162	0.31655	370	+493	4.430	4	− 5	5.170	319	19.679	103
8.203	0.0189	0.32025	369	+467	4.434	4	− 55	5.489	318	19.576	109
9.201	0.0217	0.32394	367	+340	4.438	4	− 90	5.807	316	19.467	115
10.198	0.0244	0.32761	365	+145	4.442	5	−106	6.123	314	19.352	121
11.195	0.0271	0.33126	364	− 62	4.447	6	− 96	6.437	312	19.231	128
12.192	0.0298	+0.33490	361	−229	−4.453	6	− 63	− 6.749	309	+19.103	134
13.190	0.0326	0.33851	359	−312	4.459	7	− 18	7.058	308	18.969	139
14.187	0.0353	0.34210	356	−299	4.466	7	+ 30	7.366	305	18.830	145
15.184	0.0380	0.34566	353	−198	4.473	8	+ 71	7.671	302	18.685	151
16.181	0.0408	0.34919	351	− 41	4.481	8	+ 94	7.973	300	18.534	157
17.179	0.0435	0.35270	349	+136	4.489	9	+ 99	8.273	298	18.377	163
18.176	0.0462	+0.35619	346	+292	−4.498	9	+ 85	− 8.571	295	+18.214	169
19.173	0.0490	0.35965	343	+401	4.507	9	+ 54	8.866	291	18.045	174
20.171	0.0517	0.36308	341	+441	4.516	10	+ 18	9.157	289	17.871	180
21.168	0.0544	0.36649	337	+406	4.526	10	− 22	9.446	287	17.691	185
22.165	0.0572	0.36986	335	+301	4.536	10	− 57	9.733	283	17.506	191
23.162	0.0599	0.37321	333	+143	4.546	11	− 82	10.016	279	17.315	195
24.160	0.0626	+0.37654	329	− 53	−4.557	11	− 94	−10.295	276	+17.120	201
25.157	0.0653	0.37983	326	−255	4.568	11	− 88	10.571	273	16.919	207
26.154	0.0681	0.38309	323	−437	4.579	12	− 67	10.844	270	16.712	212
27.151	0.0708	0.38632	320	−562	4.591	11	− 32	11.114	266	16.500	217
28.149	0.0735	0.38952	316	−604	4.602	12	+ 11	11.380	262	16.283	222
29.146	0.0763	0.39268	313	−546	4.614	12	+ 54	11.642	259	16.061	227
30.143	0.0790	+0.39581	310	−391	−4.626	13	+ 88	−11.901	255	+15.834	231
31.141	0.0817	0.39891	307	−159	4.639	12	+102	12.156	251	15.603	237
Febr. 1.138	0.0845	0.40198	304	+ 77	4.651	13	+ 92	12.407	246	15.366	241
2.135	0.0872	0.40502	301	+290	4.664	12	+ 61	12.653	243	15.125	246
3.132	0.0899	0.40803	298	+428	4.676	12	+ 16	12.896	240	14.879	250
4.130	0.0926	0.41101	294	+455	4.688	12	− 34	13.136	234	14.629	255
5.127	0.0954	+0.41395	291	+375	−4.700	13	− 79	−13.370	231	+14.374	259
6.124	0.0981	0.41686	288	+211	4.713	12	−103	13.601	227	14.115	264
7.121	0.1008	0.41974	285	+ 13	4.725	12	−103	13.828	221	13.851	268
8.119	0.1036	0.42259	281	−167	4.737	12	− 80	14.049	217	13.583	272
9.116	0.1063	0.42540	278	−279	4.749	12	− 38	14.266	214	13.311	276
10.113	0.1090	+0.42818		−298	−4.761		+ 12	−14.480		+13.035	

für 12ʰ Sternzeit Greenwich

Welt-Zeit	t	A		A′	B		B′	C		D	
1935	s			in 0.00001	"		in 0."001	"		"	
Febr. 10.113	0.1090	+0.42818	275	−298	−4.761	11	+ 12	−14.480	208	+13.035	281
11.110	0.1118	0.43093	272	−225	4.772	12	+ 56	14.688	203	12.754	283
12.108	0.1145	0.43365	269	− 82	4.784	12	+ 87	14.891	199	12.471	287
13.105	0.1172	0.43634	266	+ 95	4.796	12	+100	15.090	195	12.184	291
14.102	0.1200	0.43900	263	+263	4.808	11	+ 93	15.285	189	11.893	295
15.100	0.1227	0.44163	259	+391	4.819	11	+ 68	15.474	185	11.598	299
16.097	0.1254	+0.44422	256	+457	−4.830	11	+ 33	−15.659	180	+11.299	301
17.094	0.1281	0.44678	254	+449	4.841	10	− 7	15.839	174	10.998	305
18.091	0.1309	0.44932	251	+367	4.851	11	− 44	16.013	170	10.693	308
19.089	0.1336	0.45183	248	+229	4.862	10	− 74	16.183	165	10.385	311
20.086	0.1363	0.45431	246	+ 45	4.872	9	− 90	16.348	159	10.074	314
21.083	0.1391	0.45677	243	−157	4.881	9	− 92	16.507	155	9.760	317
22.080	0.1418	+0.45920	240	−352	−4.890	8	− 75	−16.662	149	+ 9.443	320
23.078	0.1445	0.46160	237	−502	4.898	8	− 46	16.811	144	9.123	322
24.075	0.1473	0.46397	235	−582	4.906	8	− 6	16.955	139	8.801	325
25.072	0.1500	0.46632	233	−570	4.914	8	+ 38	17.094	133	8.476	328
26.070	0.1527	0.46865	231	−463	4.922	7	+ 76	17.227	128	8.148	330
27.067	0.1554	0.47096	228	−274	4.929	6	+ 99	17.355	124	7.818	331
28.064	0.1582	+0.47324	226	− 43	−4.935	6	+100	−17.479	117	+ 7.487	334
März 1.061	0.1609	0.47550	223	+181	4.941	6	+ 77	17.596	111	7.153	336
2.059	0.1636	0.47773	221	+345	4.947	4	+ 36	17.707	107	6.817	338
3.056	0.1664	0.47994	220	+414	4.951	4	− 14	17.814	101	6.479	340
4.053	0.1691	0.48214	218	+374	4.955	3	− 63	17.915	96	6.139	342
5.050	0.1718	0.48432	216	+242	4.958	3	− 95	18.011	89	5.797	343
6.048	0.1746	+0.48648	215	+ 56	−4.961	3	−106	−18.100	85	+ 5.454	344
7.045	0.1773	0.48863	213	−128	4.964	2	− 91	18.185	79	5.110	345
8.042	0.1800	0.49076	211	−263	4.966	2	− 55	18.264	73	4.765	348
9.039	0.1828	0.49287	210	−313	4.968	0	− 9	18.337	68	4.417	348
10.037	0.1855	0.49497	209	−267	4.968	1	+ 39	18.405	62	4.069	349
11.034	0.1882	0.49706	208	−140	4.969	0	+ 77	18.467	56	3.720	351
12.031	0.1909	+0.49914	206	+ 37	−4.969	1	+ 98	−18.523	52	+ 3.369	351
13.029	0.1937	0.50120	206	+219	4.968	3	+ 98	18.575	45	3.018	352
14.026	0.1964	0.50326	205	+370	4.965	3	+ 77	18.620	39	2.666	352
15.023	0.1991	0.50531	204	+462	4.962	3	+ 45	18.659	34	2.314	353
16.020	0.2019	0.50735	204	+482	4.959	4	+ 7	18.693	28	1.961	354
17.018	0.2046	0.50939	203	+425	4.955	4	− 31	18.721	23	1.607	353
18.015	0.2073	+0.51142	202	+306	−4.951	5	− 64	−18.744	17	+ 1.254	354
19.012	0.2101	0.51344	202	+136	4.946	6	− 85	18.761	11	0.900	354
20.009	0.2128	0.51546	202	− 59	4.940	7	− 93	18.772	7	0.546	354
21.007	0.2155	0.51748	202	−256	4.933	7	− 83	18.779	0	+ 0.192	354
22.004	0.2182	0.51950	202	−422	4.926	8	− 59	18.779	6	− 0.162	353
23.001	0.2210	+0.52152		−529	−4.918		− 21	−18.773		− 0.515	

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Welt-Zeit	*t*	*A*		*A′*	*B*		*B′*	*C*		*D*	
1935	s			in 0.00001	"		in 0."001	"		"	
März 23.001	0.2210	+0.52152	203	−529	−4.918	8	− 21	−18.773	10	− 0.515	353
23.999	0.2237	0.52355	202	−557	4.910	9	+ 20	18.763	17	0.868	353
24.996	0.2264	0.52557	202	−489	4.901	10	+ 63	18.746	22	1.221	352
25.993	0.2292	0.52759	203	−335	4.891	10	+ 91	18.724	28	1.573	351
26.990	0.2319	0.52962	204	−127	4.881	11	+101	18.696	34	1.924	351
27.988	0.2346	0.53166	204	+ 95	4.870	12	+ 89	18.662	38	2.275	350
28.985	0.2374	+0.53370	205	+280	−4.858	13	+ 54	−18.624	44	− 2.625	348
29.982	0.2401	0.53575	205	+380	4.845	13	+ 7	18.580	50	2.973	348
30.979	0.2428	0.53780	207	+376	4.832	13	− 43	18.530	55	3.321	346
31.977	0.2456	0.53987	208	+270	4.819	14	− 84	18.475	61	3.667	346
April 1.974	0.2483	0.54195	208	+ 95	4.805	15	−103	18.414	65	4.013	345
2.971	0.2510	0.54403	209	− 97	4.790	15	−100	18.349	71	4.358	342
3.969	0.2537	+0.54612	211	−257	−4.775	15	− 71	−18.278	77	− 4.700	340
4.966	0.2565	0.54823	212	−339	4.760	17	− 28	18.201	82	5.040	339
5.963	0.2592	0.55035	214	−325	4.743	17	+ 21	18.119	87	5.379	338
6.960	0.2619	0.55249	215	−217	4.726	18	+ 64	18.032	93	5.717	335
7.958	0.2647	0.55464	217	− 48	4.708	18	+ 91	17.939	97	6.052	333
8.955	0.2674	0.55681	219	+145	4.690	19	+ 99	17.842	103	6.385	332
9.952	0.2701	+0.55900	220	+320	−4.671	19	+ 87	−17.739	108	− 6.717	330
10.949	0.2729	0.56120	222	+442	4.652	20	+ 58	17.631	112	7.047	327
11.947	0.2756	0.56342	224	+493	4.632	20	+ 22	17.519	118	7.374	324
12.944	0.2783	0.56566	226	+465	4.612	20	− 19	17.401	123	7.698	322
13.941	0.2810	0.56792	228	+367	4.592	21	− 54	17.278	128	8.020	320
14.938	0.2838	0.57020	230	+214	4.571	21	− 80	17.150	133	8.340	317
15.936	0.2865	+0.57250	233	+ 27	−4.550	22	− 93	−17.017	138	− 8.657	315
16.933	0.2892	0.57483	235	−171	4.528	22	− 88	16.879	142	8.972	312
17.930	0.2920	0.57718	238	−348	4.506	23	− 69	16.737	147	9.284	309
18.928	0.2947	0.57956	239	−477	4.483	23	− 38	16.590	153	9.593	306
19.925	0.2974	0.58195	242	−531	4.460	24	+ 3	16.437	156	9.899	302
20.922	0.3002	0.58437	244	−497	4.436	23	+ 46	16.281	162	10.201	300
21.919	0.3029	+0.58681	247	−375	−4.413	24	+ 81	−16.119	166	−10.501	297
22.917	0.3056	0.58928	249	−184	4.389	24	+ 98	15.953	169	10.798	294
23.914	0.3084	0.59177	252	+ 35	4.365	25	+ 94	15.784	175	11.092	290
24.911	0.3111	0.59429	254	+235	4.340	24	+ 68	15.609	180	11.382	287
25.908	0.3138	0.59683	257	+366	4.316	25	+ 26	15.429	183	11.669	283
26.906	0.3165	0.59940	259	+398	4.291	25	− 23	15.246	187	11.952	279
27.903	0.3193	+0.60199	262	+324	−4.266	25	− 69	−15.059	193	−12.231	276
28.900	0.3220	0.60461	264	+164	4.241	25	− 98	14.866	196	12.507	272
29.898	0.3247	0.60725	268	− 37	4.216	26	−104	14.670	200	12.779	269
30.895	0.3275	0.60993	271	−223	4.190	25	− 85	14.470	204	13.048	264
Mai 1.892	0.3302	0.61264	273	−345	4.165	26	− 46	14.266	209	13.312	260
2.889	0.3329	+0.61537		−372	−4.139		+ 3	−14.057		−13.572	

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Welt-Zeit	t	A		A′	B		B′	C		D	
1935	s			in 0.00001	"		in 0.001	"		"	
Mai 2.889	0.3329	+0.61537	275	−372	−4.139	26	+ 3	−14.057	212	−13.572	257
3.887	0.3357	0.61812	278	−300	4.113	26	+ 49	13.845	215	13.829	253
4.884	0.3384	0.62090	282	−148	4.087	26	+ 84	13.630	220	14.082	248
5.881	0.3411	0.62372	285	+ 48	4.061	26	+ 98	13.410	224	14.330	244
6.878	0.3438	0.62657	287	+241	4.035	26	+ 95	13.186	227	14.574	241
7.876	0.3466	0.62944	289	+391	4.009	25	+ 72	12.959	230	14.815	235
8.873	0.3493	+0.63233	293	+476	−3.984	26	+ 36	−12.729	234	−15.050	231
9.870	0.3520	0.63526	295	+480	3.958	25	− 3	12.495	238	15.281	227
10.868	0.3548	0.63821	297	+408	3.933	26	− 41	12.257	241	15.508	223
11.865	0.3575	0.64118	300	+273	3.907	25	− 70	12.016	244	15.731	217
12.862	0.3602	0.64418	303	+ 97	3.882	25	− 88	11.772	247	15.948	214
13.859	0.3630	0.64721	306	−101	3.857	25	− 91	11.525	251	16.162	209
14.857	0.3657	+0.65027	309	−286	−3.832	25	− 77	−11.274	254	−16.371	203
15.854	0.3684	0.65336	311	−432	3.807	25	− 50	11.020	256	16.574	199
16.851	0.3712	0.65647	313	−515	3.782	25	− 11	10.764	259	16.773	194
17.848	0.3739	0.65960	315	−514	3.757	24	+ 31	10.505	263	16.967	190
18.846	0.3766	0.66275	318	−422	3.733	24	+ 68	10.242	265	17.157	185
19.843	0.3793	0.66593	321	−251	3.709	24	+ 93	9.977	268	17.342	180
20.840	0.3821	+0.66914	323	− 33	−3.685	24	+ 98	− 9.709	271	−17.522	174
21.837	0.3848	0.67237	325	+184	3.661	23	+ 82	9.438	273	17.696	170
22.835	0.3875	0.67562	327	+350	3.638	23	+ 45	9.165	275	17.866	165
23.832	0.3903	0.67889	330	+427	3.615	22	− 4	8.890	278	18.031	159
24.829	0.3930	0.68219	332	+392	3.593	22	− 51	8.612	280	18.190	155
25.827	0.3957	0.68551	335	+260	3.571	22	− 88	8.332	282	18.345	149
26.824	0.3985	+0.68886	337	+ 63	−3.549	21	−105	− 8.050	285	−18.494	143
27.821	0.4012	0.69223	338	−143	3.528	21	− 95	7.765	286	18.637	139
28.818	0.4039	0.69561	340	−305	3.507	21	− 64	7.479	288	18.776	134
29.816	0.4066	0.69901	342	−380	3.486	21	− 19	7.191	291	18.910	128
30.813	0.4094	0.70243	344	−352	3.465	20	+ 31	6.900	293	19.038	123
31.810	0.4121	0.70587	346	−230	3.445	19	+ 71	6.607	294	19.161	117
Juni 1.807	0.4148	+0.70933	347	− 49	−3.426	19	+ 95	− 6.313	296	−19.278	112
2.805	0.4176	0.71280	349	+151	3.407	19	+100	6.017	297	19.390	107
3.802	0.4203	0.71629	351	+326	3.388	18	+ 82	5.720	299	19.497	101
4.799	0.4230	0.71980	352	+441	3.370	17	+ 51	5.421	300	19.598	95
5.797	0.4258	0.72332	353	+477	3.353	17	+ 12	5.121	301	19.693	91
6.794	0.4285	0.72685	354	+434	3.336	16	− 28	4.820	303	19.784	85
7.791	0.4312	+0.73039	355	+322	−3.320	16	− 62	− 4.517	304	−19.869	79
8.788	0.4340	0.73394	357	+158	3.304	16	− 83	4.213	305	19.948	74
9.786	0.4367	0.73751	358	− 34	3.288	15	− 91	3.908	307	20.022	68
10.783	0.4394	0.74109	359	−288	3.273	14	− 84	3.601	307	20.090	62
11.780	0.4421	0.74468	361	−395	3.259	14	− 62	3.294	308	20.152	57
12.777	0.4449	+0.74829		−506	−3.245		− 27	− 2.986		−20.209	

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für 12^h^ Sternzeit Greenwich

Welt-Zeit	t	A		A′	B		B′	C		D	
1935	h			in 0.00001	"		in 0.001 "	"		"	
Juni 12.777	0.4449	+0.74829	361	−506	−3.245	13	− 27	−2.986	308	−20.209	52
13.775	0.4476	0.75190	360	−540	3.232	13	+ 14	2.678	310	20.261	46
14.772	0.4503	0.75550	361	−481	3.219	12	+ 54	2.368	310	20.307	40
15.769	0.4531	0.75911	362	−336	3.207	11	+ 84	2.058	310	20.347	35
16.766	0.4558	0.76273	362	−129	3.196	11	+ 98	1.748	311	20.382	28
17.764	0.4585	0.76635	363	+100	3.185	10	+ 90	1.437	312	20.410	23
18.761	0.4613	+0.76998	364	+297	−3.175	10	+ 61	−1.125	311	−20.433	18
19.758	0.4640	0.77362	363	+421	3.165	9	+ 17	0.814	312	20.451	11
20.756	0.4667	0.77725	364	+444	3.156	8	− 32	0.502	312	20.462	6
21.753	0.4694	0.78089	364	+351	3.148	8	− 75	−0.190	312	20.468	1
22.750	0.4722	0.78453	364	+176	3.140	8	−100	+0.122	311	20.469	— 5
23.747	0.4749	0.78817	364	− 32	3.132	7	−101	0.433	312	20.464	10
24.745	0.4776	+0.79181	363	−221	−3.125	6	− 78	+0.745	311	−20.454	16
25.742	0.4804	0.79544	363	−339	3.119	5	− 38	1.056	311	20.438	22
26.739	0.4831	0.79907	362	−360	3.114	5	+ 13	1.367	311	20.416	28
27.736	0.4858	0.80269	362	−279	3.109	4	+ 57	1.678	310	20.388	33
28.734	0.4886	0.80631	361	−120	3.105	4	+ 88	1.988	310	20.355	38
29.731	0.4913	0.80992	361	+ 74	3.101	3	+101	2.298	309	20.317	45
30.728	0.4940	+0.81353	361	+262	−3.098	3	+ 91	+2.607	308	−20.272	50
Juli 1.726	0.4968	0.81714	359	+403	3.095	2	+ 64	2.915	307	20.222	55
2.723	0.4995	0.82073	359	+470	3.093	2	+ 26	3.222	307	20.167	62
3.720	0.5022	0.82432	358	+457	3.091	1	− 14	3.529	305	20.105	66
4.717	0.5049	0.82790	356	+367	3.090	1	− 50	3.834	305	20.039	72
5.715	0.5077	0.83146	355	+221	3.089	0	− 76	4.139	303	19.967	78
6.712	0.5104	+0.83501	353	+ 35	−3.089	0	− 90	+4.442	302	−19.889	83
7.709	0.5131	0.83854	353	−165	3.089	1	− 88	4.744	301	19.806	89
8.706	0.5159	0.84207	351	−346	3.090	2	− 71	5.045	300	19.717	94
9.704	0.5186	0.84558	350	−486	3.092	2	− 41	5.345	298	19.623	99
10.701	0.5213	0.84908	348	−553	3.094	3	− 3	5.643	296	19.524	105
11.698	0.5241	0.85256	346	−536	3.097	3	+ 39	5.939	295	19.419	110
12.696	0.5268	+0.85602	345	−426	−3.100	3	+ 74	+6.234	293	−19.309	116
13.693	0.5295	0.85947	343	−242	3.103	4	+ 96	6.527	292	19.193	121
14.690	0.5322	0.86290	342	− 19	3.107	4	+ 96	6.819	289	19.072	125
15.687	0.5350	0.86632	339	+199	3.111	5	+ 75	7.108	287	18.947	131
16.685	0.5377	0.86971	338	+362	3.116	5	+ 37	7.395	286	18.816	137
17.682	0.5404	0.87309	336	+434	3.121	6	− 13	7.681	284	18.679	141
18.679	0.5432	+0.87645	333	+397	−3.127	6	− 59	+7.965	281	−18.538	147
19.676	0.5459	0.87978	331	+263	3.133	6	− 92	8.246	279	18.391	152
20.674	0.5486	0.88309	329	+ 71	3.139	7	−105	8.525	277	18.239	157
21.671	0.5514	0.88638	327	−126	3.146	7	− 90	8.802	274	18.082	162
22.668	0.5541	0.88965	324	−273	3.153	7	− 55	9.076	272	17.920	167
23.665	0.5568	+0.89289		−334	−3.160		− 8	+9.348		−17.753	

für 12^{h} Sternzeit Greenwich

Welt-Zeit	t	A	Δ	A'	B	Δ	B'	C	Δ	D	Δ
1935	s			in 0.00001	″		in 0.″001	″		″	
Juli 23.665	0.5568	+0.89289	322	−334	−3.160	8	− 8	+ 9.348	270	−17.753	171
24.663	0.5596	0.89611	320	−293	3.168	8	+ 39	9.618	267	17.582	177
25.660	0.5623	0.89931	317	−165	3.176	8	+ 78	9.885	264	17.405	182
26.657	0.5650	0.90248	315	+ 18	3.184	9	+ 99	10.149	261	17.223	186
27.655	0.5677	0.90563	312	+211	3.193	9	+ 98	10.410	259	17.037	191
28.652	0.5705	0.90875	310	+371	3.202	9	+ 76	10.669	256	16.846	196
29.649	0.5732	+0.91185	307	+465	−3.211	9	+ 42	+10.925	252	−16.650	200
30.646	0.5759	0.91492	305	+481	3.220	9	+ 2	11.177	250	16.450	206
31.644	0.5787	0.91797	302	+417	3.229	9	− 37	11.427	246	16.244	210
Aug. 1.641	0.5814	0.92099	300	+289	3.238	10	− 68	11.673	243	16.034	214
2.638	0.5841	0.92399	297	+111	3.248	11	− 86	11.916	241	15.820	218
3.635	0.5869	0.92696	295	− 86	3.259	10	− 90	12.157	237	15.602	223
4.633	0.5896	+0.92991	292	−277	−3.269	10	− 78	+12.394	233	−15.379	227
5.630	0.5923	0.93283	288	−436	3.279	10	− 54	12.627	230	15.152	232
6.627	0.5950	0.93571	285	−538	3.289	9	− 17	12.857	227	14.920	236
7.625	0.5978	0.93856	283	−561	3.298	10	+ 23	13.084	223	14.684	240
8.622	0.6005	0.94139	280	−496	3.308	10	+ 61	13.307	219	14.444	244
9.619	0.6032	0.94419	278	−348	3.318	10	+ 89	13.526	216	14.200	248
10.616	0.6060	+0.94697	275	−144	−3.328	11	+ 98	+13.742	212	−13.952	252
11.614	0.6087	0.94972	273	+ 77	3.339	10	+ 84	13.954	207	13.700	256
12.611	0.6114	0.95245	269	+265	3.349	10	+ 54	14.161	204	13.444	260
13.608	0.6142	0.95514	267	+381	3.359	10	+ 8	14.365	200	13.184	264
14.605	0.6169	0.95781	264	+392	3.369	10	− 40	14.565	197	12.920	267
15.603	0.6196	0.96045	261	+301	3.379	10	− 79	14.762	192	12.653	271
16.600	0.6224	+0.96306	258	+135	−3.389	10	−103	+14.954	188	−12.382	274
17.597	0.6251	0.96564	256	− 54	3.399	9	− 97	15.142	184	12.108	278
18.595	0.6278	0.96820	254	−218	3.408	9	− 71	15.326	180	11.830	282
19.592	0.6305	0.97074	251	−309	3.417	9	− 29	15.506	175	11.548	285
20.589	0.6333	0.97325	248	−303	3.426	9	+ 21	15.681	171	11.263	288
21.586	0.6360	0.97573	245	−200	3.435	9	+ 65	15.852	166	10.975	291
22.584	0.6387	+0.97818	243	− 33	−3.444	8	+ 92	+16.018	162	−10.684	295
23.581	0.6415	0.98061	241	+164	3.452	8	+101	16.180	158	10.389	297
24.578	0.6442	0.98302	238	+341	3.460	8	+ 85	16.338	154	10.092	300
25.575	0.6469	0.98540	236	+463	3.468	7	+ 57	16.492	148	9.792	303
26.573	0.6497	0.98776	233	+509	3.475	8	+ 18	16.640	144	9.489	307
27.570	0.6524	0.99009	231	+471	3.483	7	− 23	16.784	139	9.182	309
28.567	0.6551	+0.99240	229	+364	−3.490	6	− 57	+16.923	135	− 8.873	312
29.564	0.6578	0.99469	227	+201	3.496	6	− 80	17.058	129	8.561	314
30.562	0.6606	0.99696	225	+ 6	3.502	6	− 91	17.187	125	8.247	316
31.559	0.6633	0.99921	223	−190	3.508	5	− 84	17.312	120	7.931	319
Sept. 1.556	0.6660	1.00144	221	−363	3.513	5	− 64	17.432	115	7.612	321
2.554	0.6688	+1.00365		−490	−3.518		− 32	+17.547		− 7.291	

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Welt-Zeit	t	A		A′	B		B′	C		D	
1935	a			in 0.00001	"		in 0.001	"		"	
Sept. 2.554	0.6688	+1.00365	219	−490	−3.518	4	− 32	+17.547	110	−7.291	324
3.551	0.6715	1.00584	217	−549	3.522	4	+ 7	17.657	106	6.967	325
4.548	0.6742	1.00801	215	−524	3.526	3	+ 47	17.763	100	6.642	328
5.545	0.6770	1.01016	213	−414	3.529	3	+ 79	17.863	95	6.314	330
6.543	0.6797	1.01229	211	−239	3.532	2	+ 96	17.958	91	5.984	331
7.540	0.6824	1.01440	210	− 32	3.534	1	+ 92	18.049	85	5.653	333
8.537	0.6852	+1.01650	209	+167	−3.535	1	+ 69	+18.134	80	−5.320	335
9.534	0.6879	1.01859	207	+306	3.536	1	+ 27	18.214	75	4.985	337
10.532	0.6906	1.02066	206	+355	3.537	1	− 21	18.289	69	4.648	338
11.529	0.6933	1.02272	205	+305	3.538	0	− 66	18.358	64	4.310	340
12.526	0.6961	1.02477	203	+168	3.538	1	− 96	18.422	59	3.970	341
13.524	0.6988	1.02680	202	− 13	3.537	1	−102	18.481	54	3.629	342
14.521	0.7015	+1.02882	201	−189	−3.536	2	− 83	+18.535	49	−3.287	343
15.518	0.7043	1.03083	200	−306	3.534	3	− 47	18.584	43	2.944	344
16.515	0.7070	1.03283	200	−329	3.531	3	+ 1	18.627	38	2.600	345
17.513	0.7097	1.03483	199	−255	3.528	4	+ 49	18.665	33	2.255	346
18.510	0.7125	1.03682	199	−100	3.524	5	+ 83	18.698	26	1.909	346
19.507	0.7152	1.03881	198	+101	3.519	5	+100	18.724	22	1.563	348
20.504	0.7179	+1.04079	198	+296	−3.514	6	+ 94	+18.746	16	−1.215	348
21.502	0.7206	1.04277	197	+446	3.508	7	+ 68	18.762	11	0.867	348
22.499	0.7234	1.04474	197	+525	3.501	7	+ 33	18.773	6	0.519	349
23.496	0.7261	1.04671	197	+517	3.494	7	− 9	18.779	1	−0.170	349
24.493	0.7288	1.04868	197	+434	3.487	8	− 45	18.778	6	+0.179	349
25.491	0.7316	1.05065	197	+289	3.479	9	− 73	18.772	10	0.528	349
26.488	0.7343	+1.05262	197	+104	−3.470	10	− 89	+18.762	17	+0.877	349
27.485	0.7370	1.05459	197	− 94	3.460	10	− 87	18.745	22	1.226	349
28.483	0.7398	1.05656	198	−277	3.450	11	− 72	18.723	27	1.575	349
29.480	0.7425	1.05854	198	−422	3.439	12	− 44	18.696	33	1.924	348
30.477	0.7452	1.06052	199	−508	3.427	13	− 6	18.663	38	2.272	348
Okt. 1.474	0.7480	1.06251	199	−515	3.414	13	+ 32	18.625	44	2.620	347
2.472	0.7507	+1.06450	201	−441	−3.401	13	+ 67	+18.581	50	+2.967	347
3.470	0.7534	1.06651	202	−295	3.388	14	+ 89	18.531	54	3.314	345
4.466	0.7561	1.06853	202	−105	3.374	14	+ 94	18.477	61	3.659	345
5.463	0.7589	1.07055	203	+ 93	3.360	15	+ 78	18.416	66	4.004	345
6.461	0.7616	1.07258	205	+249	3.345	16	+ 44	18.350	71	4.349	343
7.458	0.7643	1.07463	206	+328	3.329	17	− 2	18.279	77	4.692	342
8.455	0.7671	+1.07669	207	+309	−3.312	17	− 50	+18.202	82	+5.034	340
9.453	0.7698	1.07876	209	+196	3.295	18	− 85	18.120	87	5.374	339
10.450	0.7725	1.08085	210	+ 23	3.277	18	−102	18.033	93	5.713	337
11.447	0.7753	1.08295	213	−163	3.259	19	− 94	17.940	98	6.050	336
12.444	0.7780	1.08508	214	−309	3.240	19	− 63	17.842	104	6.386	334
13.442	0.7807	+1.08722		−368	−3.221		− 18	+17.738		+6.720	

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Welt-Zeit	t	A		A′	B		B′	C		D	
1935	s			in 0.00001	"		in 0.001 "	"		"	
Okt. 13.442	0.7807	+1.08722	215	−368	−3.221	20	−18	+17.738	109	+ 6.720	332
14.439	0.7834	1.08937	217	−328	3.201	21	+31	17.629	114	7.052	331
15.436	0.7862	1.09154	219	−193	3.180	21	+72	17.515	120	7.383	329
16.433	0.7889	1.09373	222	+ 3	3.159	21	+97	17.395	124	7.712	326
17.431	0.7916	1.09595	223	+215	3.138	22	+99	17.271	130	8.038	324
18.428	0.7944	1.09818	226	+398	3.116	22	+81	17.141	136	8.362	322
19.425	0.7971	+1.10044	229	+513	−3.094	23	+48	+17.005	140	+ 8.684	319
20.423	0.7998	1.10273	231	+541	3.071	23	+ 7	16.865	145	9.003	317
21.420	0.8026	1.10504	233	+488	3.048	24	−34	16.720	151	9.320	315
22.417	0.8053	1.10737	236	+364	3.024	24	−66	16.569	155	9.635	311
23.414	0.8080	1.10973	238	+191	3.000	24	−85	16.414	161	9.946	309
24.412	0.8108	1.11211	241	− 5	2.976	25	−89	16.253	166	10.255	305
25.409	0.8135	+1.11452	243	−195	−2.951	25	−79	+16.087	170	+10.560	303
26.406	0.8162	1.11695	246	−352	2.926	26	−56	15.917	176	10.863	300
27.403	0.8189	1.11941	249	−460	2.900	26	−21	15.741	180	11.163	296
28.401	0.8217	1.12190	252	−496	2.874	26	+17	15.561	185	11.459	293
29.398	0.8244	1.12442	256	−453	2.848	26	+54	15.376	190	11.752	290
30.395	0.8271	1.12698	258	−331	2.822	27	+83	15.186	195	12.042	287
31.392	0.8299	+1.12956	261	−154	−2.795	27	+95	+14.991	199	+12.329	283
Nov. 1.390	0.8326	1.13217	264	+ 41	2.768	27	+87	14.792	204	12.612	278
2.387	0.8353	1.13481	268	+215	2.741	27	+59	14.588	209	12.890	275
3.384	0.8381	1.13749	270	+321	2.714	27	+17	14.379	213	13.165	272
4.382	0.8408	1.14019	272	+334	2.687	28	−30	14.166	216	13.437	268
5.379	0.8435	1.14291	276	+250	2.659	27	−72	13.950	222	13.705	263
6.376	0.8462	+1.14567	279	+ 89	−2.632	28	−97	+13.728	226	+13.968	259
7.373	0.8490	1.14846	283	−108	2.604	27	−99	13.502	230	14.227	255
8.371	0.8517	1.15129	286	−281	2.577	28	−77	13.272	234	14.482	251
9.368	0.8544	1.15415	289	−387	2.549	27	−38	13.038	239	14.733	246
10.365	0.8572	1.15704	292	−390	2.522	28	+11	12.799	242	14.979	242
11.362	0.8599	1.15996	295	−289	2.494	27	+57	12.557	247	15.221	238
12.360	0.8626	+1.16291	298	−111	−2.467	27	+89	+12.310	250	+15.459	232
13.357	0.8654	1.16589	302	+107	2.440	27	+99	12.060	254	15.691	227
14.354	0.8681	1.16891	305	+310	2.413	28	+89	11.806	257	15.918	224
15.352	0.8708	1.17196	308	+464	2.385	27	+61	11.549	262	16.142	218
16.349	0.8736	1.17504	310	+533	2.358	27	+22	11.287	266	16.360	213
17.346	0.8763	1.17814	314	+515	2.331	26	−19	11.021	269	16.573	209
18.343	0.8790	+1.18128	317	+417	−2.305	26	−54	+10.752	272	+16.782	203
19.341	0.8817	1.18445	320	+260	2.279	26	−78	10.480	275	16.985	198
20.338	0.8845	1.18765	323	+ 71	2.253	26	−90	10.205	278	17.183	193
21.335	0.8872	1.19088	326	−122	2.227	26	−85	9.927	282	17.376	188
22.332	0.8899	1.19414	328	−295	2.201	25	−65	9.645	286	17.564	183
23.330	0.8927	+1.19742		−419	−2.176		−34	+ 9.359		+17.747	

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Welt-Zeit	t	A	Δ	A'	B	Δ	B'	C	Δ	D	Δ
1935	s			in 0.00001	″		in 0.″001	″		″	
Nov. 23.330	0.8927	+1.19742	331	−419	−2.176	25	− 34	+9.359	287	+17.747	176
24.327	0.8954	1.20073	334	−482	2.151	25	+ 2	9.072	291	17.923	171
25.324	0.8981	1.20407	337	−466	2.126	25	+ 41	8.781	294	18.094	166
26.322	0.9009	1.20744	339	−369	2.101	24	+ 73	8.487	296	18.260	160
27.319	0.9036	1.21083	342	−209	2.077	23	+ 92	8.191	299	18.420	154
28.316	0.9063	1.21425	344	− 15	2.054	23	+ 92	7.892	302	18.574	149
29.313	0.9090	+1.21769	347	+177	−2.031	22	+ 73	+7.590	304	+18.723	143
30.311	0.9118	1.22116	350	+315	2.009	22	+ 37	7.286	306	18.866	138
Dez. 1.308	0.9145	1.22466	351	+370	1.987	21	− 11	6.980	309	19.004	131
2.305	0.9172	1.22817	353	+323	1.966	21	− 56	6.671	311	19.135	125
3.302	0.9200	1.23170	355	+181	1.945	21	− 88	6.360	314	19.260	120
4.300	0.9227	1.23525	357	− 11	1.924	20	−101	6.046	315	19.380	113
5.297	0.9254	+1.23882	359	−208	−1.904	20	− 89	+5.731	316	+19.493	107
6.294	0.9282	1.24241	361	−355	1.884	19	− 55	5.415	318	19.600	101
7.291	0.9309	1.24602	363	−410	1.865	18	− 9	5.097	321	19.701	95
8.289	0.9336	1.24965	365	−356	1.847	18	+ 39	4.776	322	19.796	89
9.286	0.9364	1.25330	366	−213	1.829	17	+ 78	4.454	323	19.885	83
10.283	0.9391	1.25696	368	− 7	1.812	16	+ 98	4.131	325	19.968	77
11.281	0.9418	+1.26064	368	+212	−1.796	16	+ 96	+3.806	326	+20.045	71
12.278	0.9445	1.26432	370	+391	1.780	15	+ 73	3.480	327	20.116	64
13.275	0.9473	1.26802	371	+498	1.765	15	+ 37	3.153	329	20.180	57
14.272	0.9500	1.27173	372	+518	1.750	14	− 4	2.824	329	20.237	51
15.270	0.9527	1.27545	373	+452	1.736	13	− 42	2.495	330	20.288	45
16.267	0.9555	1.27918	374	+319	1.723	12	− 71	2.165	330	20.333	39
17.264	0.9582	+1.28292	374	+139	−1.711	12	− 87	+1.835	331	+20.372	33
18.261	0.9609	1.28666	375	− 57	1.699	12	− 87	1.504	332	20.405	26
19.259	0.9637	1.29041	375	−239	1.687	11	− 73	1.172	333	20.431	19
20.256	0.9664	1.29416	376	−387	1.676	10	− 48	0.839	332	20.450	12
21.253	0.9691	1.29792	376	−473	1.666	9	− 12	0.507	333	20.462	7
22.251	0.9718	1.30168	376	−488	1.657	8	+ 26	+0.174	333	20.469	0
23.248	0.9746	+1.30544	376	−423	−1.649	8	+ 60	−0.159	333	+20.469	6
24.245	0.9773	1.30920	376	−283	1.641	7	+ 86	0.492	333	20.463	13
25.242	0.9800	1.31296	375	− 96	1.634	6	+ 93	0.825	333	20.450	19
26.240	0.9828	1.31671	375	+105	1.628	6	+ 82	1.158	332	20.431	25
27.237	0.9855	1.32046	375	+277	1.622	5	+ 52	1.490	332	20.406	32
28.234	0.9882	1.32421	374	+373	1.617	4	+ 8	1.822	331	20.374	39
29.231	0.9910	+1.32795	373	+374	−1.613	4	− 38	−2.153	330	+20.335	45
30.229	0.9937	1.33168	373	+273	1.609	3	− 77	2.483	330	20.290	51
31.226	0.9964	1.33541	372	+100	1.606	1	− 99	2.813	330	20.239	58
32.223	0.9992	1.33913	371	−101	1.605	1	− 96	3.143	328	20.181	64
33.220	1.0019	1.34284	370	−278	1.604	1	− 71	3.471	327	20.117	70
34.218	1.0046	1.34654	368	−377	1.603	1	− 29	3.798	325	20.047	77
35.215	1.0073	+1.35022	367	−376	−1.602	0	+ 21	−4.123	325	+19.970	83
36.212	1.0101	1.35389	365	−272	1.602	1	+ 65	4.448	323	19.887	89
37.209	1.0128	+1.35754	363	− 92	−1.603	2	+ 93	−4.771	321	+19.798	95

Übertragung mittlerer Sternörter

von dem Äquinoktium t_1 auf $t_2 = 1935.0$

t_1	$m^s(t_2-t_1)$	$\log[n^s(t_2-t_1)]$	$\log[n''(t_2-t_1)]$
1755	+9 12.836	2.381329	3.557420
1790	7 25.387	2.287393	3.463484
1800	6 54.683	2.256349	3.432440
1810	6 23.977	2.222916	3.399007
1825	5 37.916	2.167385	3.343477
1830	+5 22.561	2.147177	3.323268
1835	5 7.206	2.125983	3.302074
1840	4 51.850	2.103702	3.279793
1845	4 36.493	2.080216	3.256307
1850	4 21.137	2.055388	3.231479
1855	+4 5.780	2.029054	3.205145
1860	3 50.421	2.001020	3.177111
1865	3 35.064	1.97105	3.147144
1870	3 19.705	1.93886	3.114954
1875	3 4.346	1.90410	3.080188
1880	+2 48.986	1.86630	3.042395
1885	2 33.626	1.82491	3.000998
1890	2 18.265	1.77914	2.95523
1895	2 2.905	1.72799	2.90408
1900	1 47.543	1.66999	2.84608
1905	+1 32.181	1.60304	2.77913
1910	1 16.819	1.52385	2.69994
1915	1 1.456	1.42694	2.60303
1920	0 46.093	1.30199	2.47809
1925	0 30.729	1.12590	2.30199
1930	+0 15.365	0.82486	2.00096
1935	0 0.000	$-\infty$	$-\infty$

Sind α_1, δ_1 die Koordinaten für t_1 und α_2, δ_2 jene für $t_2 = 1935.0$, ist ferner α', δ' der genäherte Sternort für die Zeit

$$\frac{1}{2}(t_1 + t_2),$$

so ist

$$\alpha_2 = \alpha_1 + m^s(t_2 - t_1) + [n^s(t_2 - t_1)] \sin \alpha' \operatorname{tg} \delta'$$
$$\delta_2 = \delta_1 + [n''(t_2 - t_1)] \cos \alpha'$$

Übertragung mittlerer Polsternörter

von dem Äquinoktium t_1 auf $t_2 = 1935.0$

t_1	$90° - (N)$	$(m) + (N) - 90°$	(n)
1755	+69′ 5″.09	+69′ 7″.66	+60′ 9″.03
1790	55 39.63	55 41.30	48 27.13
1800	51 49.45	51 50.89	45 6.59
1810	47 59.25	48 0.49	41 46.06
1825	42 13.91	42 14.87	36 45.28
1830	+40 18.79	+40 19.66	+35 5.02
1835	38 23.66	38 24.45	33 24.77
1840	36 28.53	36 29.24	31 44.51
1845	34 33.39	34 34.03	30 4.26
1850	32 38.25	32 38.82	28 24.01
1855	+30 43.10	+30 43.60	+26 43.76
1860	28 47.95	28 48.39	25 3.51
1865	26 52.79	26 53.17	23 23.26
1870	24 57.62	24 57.96	21 43.02
1875	23 2.45	23 2.74	20 2.77
1880	+21 7.28	+21 7.52	+18 22.53
1885	19 12.10	19 12.29	16 42.29
1890	17 16.91	17 17.07	15 2.05
1895	15 21.72	15 21.85	13 21.82
1900	13 26.52	13 26.62	11 41.58
1905	+11 31.32	+11 31.39	+10 1.35
1910	9 36.12	9 36.17	8 21.12
1915	7 40.90	7 40.94	6 40.89
1920	5 45.69	5 45.70	5 0.67
1925	3 50.46	3 50.47	3 20.44
1930	+ 1 55.23	+ 1 55.24	+ 1 40.22
1935	0 0.00	0 0.00	0 0.00

Sind α_1, δ_1 die Koordinaten für t_1 und α_2, δ_2 jene für $t_2 = 1935.0$, so hat man

zur Reduktion von dem Äquinoktium t_1 auf t_2:

$$a_1 = \alpha_1 + [90° - (N)]$$

$$p_1 = \left(\operatorname{tang} \delta_1 + \cos a_1 \operatorname{tang} \tfrac{1}{2}(n)\right) \sin(n)$$

$$\operatorname{tang} \Delta a_1 = \frac{p_1 \sin a_1}{1 - p_1 \cos a_1}$$

$$\alpha_2 = a_1 + [(m) + (N) - 90°] + \Delta a_1$$

$$\operatorname{tang} \tfrac{1}{2}(\delta_2 - \delta_1) = \cos\left(a_1 + \tfrac{1}{2}\Delta a_1\right) \sec \tfrac{1}{2}\Delta a_1 \operatorname{tang} \tfrac{1}{2}(n)$$

zur Reduktion von dem Äquinoktium t_2 auf t_1:

$$a_2 = \alpha_2 - [(m) + (N) - 90°]$$

$$p_2 = -\left(\operatorname{tang} \delta_2 - \cos a_2 \operatorname{tang} \tfrac{1}{2}(n)\right) \sin(n)$$

$$\operatorname{tang} \Delta a_2 = \frac{p_2 \sin a_2}{1 - p_2 \cos a_2}$$

$$\alpha_1 = a_2 - [90° - (N)] + \Delta a_2$$

$$\operatorname{tang} \tfrac{1}{2}(\delta_1 - \delta_2) = -\cos\left(a_2 + \tfrac{1}{2}\Delta a_2\right) \sec \tfrac{1}{2}\Delta a_2 \operatorname{tang} \tfrac{1}{2}(n)$$

Reduktion von Koordinatendifferenzen scheinbarer Örter auf Differenzen mittlerer Örter für den Jahresanfang.

Sind $\Delta\alpha$ und $\Delta\delta$ die gemessenen Koordinatendifferenzen der scheinbaren Örter im Sinne Objekt minus Stern, $d\Delta\alpha$ und $d\Delta\delta$ die an ihnen anzubringenden Korrektionen, um Koordinatendifferenzen zu erhalten, die sich auf das mittlere Äquinoktium des Jahresanfangs beziehen, so wird

$$d\Delta\alpha = (d\Delta\alpha)_1 + (d\Delta\alpha)_2$$
$$d\Delta\delta = (d\Delta\delta)_1 + (d\Delta\delta)_2,$$

wobei

$$(d\Delta\alpha)_1 = -j\cos(G+\alpha)\frac{\operatorname{tg}\delta}{15}\Delta\alpha^m - j\sin(G+\alpha)\frac{\sec^2\delta}{225}\Delta\delta'$$

$$(d\Delta\alpha)_2 = -k\cos(H+\alpha)\frac{\sec\delta}{15}\Delta\alpha^m - k\sin(H+\alpha)\frac{\operatorname{tg}\delta\sec\delta}{225}\Delta\delta'$$

$$(d\Delta\delta)_1 = j\sin(G+\alpha)\Delta\alpha^m$$

$$(d\Delta\delta)_2 = k\sin(H+\alpha)\sin\delta\,\Delta\alpha^m - k\cos(H+\alpha)\frac{\cos\delta}{15}\Delta\delta'$$
$$+ [0.0003\, i \sin\delta\,\Delta\delta']$$

Hierin bezeichnen $(d\Delta\alpha)_1$ und $(d\Delta\delta)_1$ den Einfluß der Präzession und Nutation, $(d\Delta\alpha)_2$ und $(d\Delta\delta)_2$ den Einfluß der Aberration.

Die Größen G, H, j, k, i sind auf S. 238* — 255* zu finden. Die Faktoren $\frac{1}{15}\operatorname{tg}\delta$, $\frac{1}{225}\sec^2\delta$, $\frac{1}{15}\sec\delta$, $\frac{1}{225}\operatorname{tg}\delta\sec\delta$, $\sin\delta$, $\frac{1}{15}\cos\delta$ entnehme man der Zusammenstellung auf S. 268*. Die numerischen Werte der Funktionen sinus und cosinus sind auf S. 269* enthalten. $\Delta\alpha^m$ bedeutet die in Zeitminuten ausgedrückte gemessene Rektaszensionsdifferenz, $\Delta\delta'$ ist die in Winkelminuten ausgedrückte gemessene Deklinationsdifferenz. Die Größen $d\Delta\alpha$ und $d\Delta\delta$ ergeben sich in Zeit- bzw. Winkelsekunden. Das in eckige Klammern gesetzte Glied $0.0003\, i\sin\delta\,\Delta\delta'$ in der Formel für $(d\Delta\delta)_2$ beträgt für $\Delta\delta' = 10'$ im Maximum $0''.02$ und kann daher in den meisten Fällen unberücksichtigt bleiben.

Reduktionsgrößen 1935

δ	$\frac{1}{15}$ tg δ	$\frac{1}{225}$ sec²δ	$\frac{1}{15}$ sec δ	$\frac{1}{225}$ tg δ sec δ	sin δ	$\frac{1}{15}$ cos δ	tg δ	$\frac{1}{15}$ sec²δ	δ
0°	0.000	0.004	0.067	0.000	0.00	0.07	0.00	0.07	0°
5	0.006	0.004	0.067	0.000	0.09	0.07	0.09	0.07	5
10	0.012	0.005	0.068	0.001	0.17	0.07	0.18	0.07	10
15	0.018	0.005	0.069	0.001	0.26	0.06	0.27	0.07	15
20	0.024	0.005	0.071	0.002	0.34	0.06	0.36	0.08	20
25	0.031	0.005	0.074	0.002	0.42	0.06	0.47	0.08	25
30	0.038	0.006	0.077	0.003	0.50	0.06	0.58	0.09	30
35	0.047	0.007	0.081	0.004	0.57	0.05	0.70	0.10	35
40	0.056	0.008	0.087	0.005	0.64	0.05	0.84	0.11	40
40°	0.056	0.008	0.087	0.005	0.64	0.05	0.84	0.11	40°
42	0.060	0.008	0.090	0.005	0.67	0.05	0.90	0.12	42
44	0.064	0.009	0.093	0.006	0.69	0.05	0.97	0.13	44
46	0.069	0.009	0.096	0.007	0.72	0.05	1.04	0.14	46
48	0.074	0.010	0.100	0.007	0.74	0.04	1.11	0.15	48
50	0.079	0.011	0.104	0.008	0.77	0.04	1.19	0.16	50
52	0.085	0.012	0.108	0.009	0.79	0.04	1.28	0.18	52
54	0.092	0.013	0.113	0.010	0.81	0.04	1.38	0.19	54
56	0.099	0.014	0.119	0.012	0.83	0.04	1.48	0.21	56
58	0.107	0.016	0.126	0.013	0.85	0.04	1.60	0.24	58
60	0.115	0.018	0.133	0.015	0.87	0.03	1.73	0.27	60
60°	0.115	0.018	0.133	0.015	0.87	0.03	1.73	0.27	60°
61	0.120	0.019	0.138	0.017	0.87	0.03	1.80	0.28	61
62	0.125	0.020	0.142	0.018	0.88	0.03	1.88	0.30	62
63	0.131	0.022	0.147	0.019	0.89	0.03	1.96	0.32	63
64	0.137	0.023	0.152	0.021	0.90	0.03	2.05	0.35	64
65	0.143	0.025	0.158	0.023	0.91	0.03	2.14	0.37	65
66	0.150	0.027	0.164	0.025	0.91	0.03	2.25	0.40	66
67	0.157	0.029	0.171	0.027	0.92	0.03	2.36	0.44	67
68	0.165	0.032	0.178	0.029	0.93	0.02	2.48	0.48	68
69	0.174	0.035	0.186	0.032	0.93	0.02	2.61	0.52	69
70	0.183	0.038	0.195	0.036	0.94	0.02	2.75	0.57	70
71	0.194	0.042	0.205	0.040	0.95	0.02	2.90	0.63	71
72	0.205	0.047	0.216	0.044	0.95	0.02	3.08	0.70	72
73	0.218	0.052	0.228	0.050	0.96	0.02	3.27	0.78	73
74	0.232	0.058	0.242	0.056	0.96	0.02	3.49	0.88	74
75	0.249	0.066	0.258	0.064	0.97	0.02	3.73	1.00	75
75.0°	0.249	0.066	0.258	0.064	0.97	0.02	3.73	1.00	75.0°
75.5	0.258	0.071	0.266	0.069	0.97	0.02	3.87	1.06	75.5
76.0	0.267	0.076	0.276	0.074	0.97	0.02	4.01	1.14	76.0
76.5	0.278	0.082	0.286	0.079	0.97	0.02	4.17	1.22	76.5
77.0	0.289	0.088	0.296	0.086	0.97	0.01	4.33	1.32	77.0
77.5	0.301	0.095	0.308	0.093	0.98	0.01	4.51	1.42	77.5
78.0	0.314	0.103	0.321	0.101	0.98	0.01	4.70	1.54	78.0
78.5	0.328	0.112	0.334	0.110	0.98	0.01	4.92	1.68	78.5
79.0	0.343	0.122	0.349	0.120	0.98	0.01	5.14	1.83	79.0
79.5	0.360	0.134	0.366	0.132	0.98	0.01	5.40	2.01	79.5
80.0	0.378	0.147	0.384	0.145	0.98	0.01	5.67	2.21	80.0

Sinus

	0^h	1^h	2^h	3^h	4^h	5^h	
0^m	0.000	0.259	0.500	0.707	0.866	0.966	60
1	0.004	0.263	0.504	0.710	0.868	0.967	59
2	0.009	0.267	0.508	0.713	0.870	0.968	58
3	0.013	0.271	0.511	0.716	0.872	0.969	57
4	0.017	0.276	0.515	0.719	0.875	0.970	56
5	0.022	0.280	0.519	0.722	0.877	0.971	55
6	0.026	0.284	0.522	0.725	0.879	0.972	54
7	0.031	0.288	0.526	0.728	0.881	0.973	53
8	0.035	0.292	0.530	0.731	0.883	0.974	52
9	0.039	0.297	0.534	0.734	0.885	0.975	51
10	0.044	0.301	0.537	0.737	0.887	0.976	50
11	0.048	0.305	0.541	0.740	0.889	0.977	49
12	0.052	0.309	0.545	0.743	0.891	0.978	48
13	0.057	0.313	0.548	0.746	0.893	0.979	47
14	0.061	0.317	0.552	0.749	0.895	0.980	46
15	0.065	0.321	0.556	0.752	0.897	0.981	45
16	0.070	0.326	0.559	0.755	0.899	0.982	44
17	0.074	0.330	0.563	0.758	0.901	0.982	43
18	0.078	0.334	0.566	0.760	0.903	0.983	42
19	0.083	0.338	0.570	0.763	0.904	0.984	41
20	0.087	0.342	0.574	0.766	0.906	0.985	40
21	0.092	0.346	0.577	0.769	0.908	0.986	39
22	0.096	0.350	0.581	0.772	0.910	0.986	38
23	0.100	0.354	0.584	0.774	0.912	0.987	37
24	0.105	0.358	0.588	0.777	0.914	0.988	36
25	0.109	0.362	0.591	0.780	0.915	0.988	35
26	0.113	0.367	0.595	0.783	0.917	0.989	34
27	0.118	0.371	0.598	0.785	0.919	0.990	33
28	0.122	0.375	0.602	0.788	0.921	0.990	32
29	0.126	0.379	0.605	0.791	0.922	0.991	31
30	0.131	0.383	0.609	0.793	0.924	0.991	30
31	0.135	0.387	0.612	0.796	0.926	0.992	29
32	0.139	0.391	0.616	0.799	0.927	0.993	28
33	0.143	0.395	0.619	0.801	0.929	0.993	27
34	0.148	0.399	0.623	0.804	0.930	0.994	26
35	0.152	0.403	0.626	0.806	0.932	0.994	25
36	0.156	0.407	0.629	0.809	0.934	0.995	24
37	0.161	0.411	0.633	0.812	0.935	0.995	23
38	0.165	0.415	0.636	0.814	0.937	0.995	22
39	0.169	0.419	0.639	0.817	0.938	0.996	21
40	0.174	0.423	0.643	0.819	0.940	0.996	20
41	0.178	0.427	0.646	0.822	0.941	0.997	19
42	0.182	0.431	0.649	0.824	0.943	0.997	18
43	0.187	0.434	0.653	0.827	0.944	0.997	17
44	0.191	0.438	0.656	0.829	0.946	0.998	16
45	0.195	0.442	0.659	0.831	0.947	0.998	15
46	0.199	0.446	0.663	0.834	0.948	0.998	14
47	0.204	0.450	0.666	0.836	0.950	0.998	13
48	0.208	0.454	0.669	0.839	0.951	0.999	12
49	0.212	0.458	0.672	0.841	0.952	0.999	11
50	0.216	0.462	0.676	0.843	0.954	0.999	10
51	0.221	0.466	0.679	0.846	0.955	0.999	9
52	0.225	0.469	0.682	0.848	0.956	0.999	8
53	0.229	0.473	0.685	0.850	0.958	1.000	7
54	0.233	0.477	0.688	0.853	0.959	1.000	6
55	0.238	0.481	0.692	0.855	0.960	1.000	5
56	0.242	0.485	0.695	0.857	0.961	1.000	4
57	0.246	0.489	0.698	0.859	0.962	1.000	3
58	0.250	0.492	0.701	0.862	0.964	1.000	2
59	0.255	0.496	0.704	0.864	0.965	1.000	1
60	0.259	0.500	0.707	0.866	0.966	1.000	0^m
	5^h	4^h	3^h	2^h	1^h	0^h	

Cosinus

Reduktionsgrößen 1935

Übertragung von Rektaszensions- und Deklinationsdifferenzen vom mittleren Äquinoktium 1935.0 auf das Normaläquinoktium 1925.0

α	a_1	a_2	d_1	α	α	a_1	a_2	d_1	α
h m	s	s	"	h m	h m	s	s	"	h m
0 0	−0.0583−	−0.0000+	+0.000−	24 0	6 0	+0.0000+	−0.0583+	+0.875−	18 0
10	0582	0026	038	50	10	0026	0582	874	50
20	0581	0051	077	40	20	0051	0581	871	40
30	0578	0076	114	30	30	0076	0578	867	30
40	0574	0101	152	20	40	0101	0574	862	20
50	0569	0126	189	10	50	0126	0569	854	10
1 0	−0.0563−	−0.0151+	+0.227−	23 0	7 0	+0.0151+	−0.0563+	+0.845−	17 0
10	0556	0175	263	50	10	0175	0556	834	50
20	0547	0199	299	40	20	0199	0547	822	40
30	0538	0223	335	30	30	0223	0538	808	30
40	0528	0247	370	20	40	0247	0528	792	20
50	0517	0269	404	10	50	0269	0517	776	10
2 0	−0.0505−	−0.0292+	+0.437−	22 0	8 0	+0.0292+	−0.0505+	+0.757−	16 0
10	0492	0313	470	50	10	0313	0492	737	50
20	0477	0334	502	40	20	0334	0477	717	40
30	0462	0355	532	30	30	0355	0462	694	30
40	0447	0375	562	20	40	0375	0447	670	20
50	0430	0394	591	10	50	0394	0430	645	10
3 0	−0.0412−	−0.0412+	+0.618−	21 0	9 0	+0.0412+	−0.0412+	+0.618−	15 0
10	0394	0430	645	50	10	0430	0394	591	50
20	0375	0447	670	40	20	0447	0375	562	40
30	0355	0462	694	30	30	0462	0355	532	30
40	0334	0477	717	20	40	0477	0334	502	20
50	0313	0492	737	10	50	0492	0313	470	10
4 0	−0.0292−	−0.0505+	+0.757−	20 0	10 0	+0.0505+	−0.0292+	+0.437−	14 0
10	0269	0517	776	50	10	0517	0269	404	50
20	0247	0528	792	40	20	0528	0247	370	40
30	0223	0538	808	30	30	0538	0223	335	30
40	0199	0547	822	20	40	0547	0199	299	20
50	0175	0556	834	10	50	0556	0175	263	10
5 0	−0.0151−	−0.0563+	+0.845−	19 0	11 0	+0.0563+	−0.0151+	+0.227−	13 0
10	0126	0569	854	50	10	0569	0126	189	50
20	0101	0574	862	40	20	0574	0101	152	40
30	0076	0578	867	30	30	0578	0076	114	30
40	0051	0581	871	20	40	0581	0051	077	20
50	0026	0582	874	10	50	0582	0026	038	10
6 0	−0.0000−	−0.0583+	+0.875−	18 0	12 0	+0.0583+	−0.0000+	+0.000−	12 0

Für α zwischen 12^h und 24^h gelten die Vorzeichen zur Rechten.

$$\Delta p_\alpha^s = a_1 \cdot \mathrm{tg}\,\delta \cdot \Delta\alpha^m + a_2 \cdot \frac{1}{15}\sec^2\delta \cdot \Delta\delta'; \qquad \Delta p_\delta'' = d_1 \cdot \Delta\alpha^m$$

$\Delta\alpha^m$ bedeutet die Rektaszensionsdifferenz in Zeitminuten, $\Delta\delta'$ ist die Deklinationsdifferenz in Winkelminuten.

Die Werte von $\mathrm{tg}\,\delta$ und $\frac{1}{15}\sec^2\delta$ sind auf S. 268* enthalten.

Reduktion vom mittleren Äquinoktium 1925.0 auf das jedesmalige wahre Äquinoktium

0h Welt-Zeit		f	log g	G	0h Welt-Zeit		f	log g	G
1935		s		h m s	1935		s		h m s
Jan.	−2	+31.597	2.31415	23 55 5	Mai	14	+32.722	2.32932	23 55 52
	+2	31.644	2.31480	23 55 6		18	32.760	2.32982	23 55 58
	6	31.690	2.31544	23 55 6		22	32.799	2.33034	23 56 5
	10	31.736	2.31606	23 55 5		26	32.840	2.33087	23 56 11
	14	31.780	2.31667	23 55 4		30	32.881	2.33141	23 56 16
	18	+31.824	2.31726	23 55 2	Juni	3	+32.924	2.33197	23 56 22
	22	31.866	2.31784	23 55 0		7	32.967	2.33254	23 56 27
	26	31.907	2.31840	23 54 58		11	33.011	2.33312	23 56 31
	30	31.946	2.31894	23 54 55		15	33.056	2.33370	23 56 35
Febr.	3	31.984	2.31945	23 54 52		19	33.100	2.33429	23 56 38
	7	+32.020	2.31994	23 54 49		23	+33.145	2.33488	23 56 40
	11	32.055	2.32041	23 54 46		27	33.190	2.33547	23 56 42
	15	32.088	2.32086	23 54 43	Juli	1	33.234	2.33605	23 56 44
	19	32.119	2.32129	23 54 41		5	33.279	2.33662	23 56 44
	23	32.149	2.32170	23 54 39		9	33.322	2.33718	23 56 44
	27	+32.178	2.32209	23 54 37		13	+33.365	2.33774	23 56 44
März	3	32.206	2.32247	23 54 36		17	33.407	2.33829	23 56 43
	7	32.233	2.32283	23 54 35		21	33.448	2.33883	23 56 42
	11	32.259	2.32318	23 54 35		25	33.488	2.33935	23 56 40
	15	32.284	2.32352	23 54 36		29	33.527	2.33986	23 56 38
	19	+32.309	2.32386	23 54 37	Aug.	2	+33.565	2.34035	23 56 36
	23	32.334	2.32419	23 54 39		6	33.601	2.34082	23 56 34
	27	32.359	2.32452	23 54 42		10	33.636	2.34127	23 56 32
	31	32.384	2.32486	23 54 46		14	33.670	2.34170	23 56 29
April	4	32.410	2.32520	23 54 50		18	33.702	2.34211	23 56 27
	8	+32.436	2.32555	23 54 54		22	+33.733	2.34251	23 56 25
	12	32.463	2.32591	23 54 59		26	33.763	2.34289	23 56 23
	16	32.491	2.32628	23 55 5		30	33.791	2.34326	23 56 22
	20	32.520	2.32666	23 55 11	Sept.	3	33.819	2.34362	23 56 21
	24	32.551	2.32706	23 55 17		7	33.845	2.34396	23 56 20
	28	+32.582	2.32748	23 55 24		11	+33.871	2.34429	23 56 20
Mai	2	32.615	2.32791	23 55 31		15	33.896	2.34461	23 56 20
	6	32.649	2.32836	23 55 38		19	33.921	2.34493	23 56 21
	10	32.685	2.32883	23 55 45		23	33.945	2.34524	23 56 23
	14	+32.722	2.32932	23 55 52		27	+33.969	2.34555	23 56 25

Reduktionsgrößen 1935

Reduktion vom mittleren Äquinoktium 1925.0 auf das jedesmalige wahre Äquinoktium

0h Welt-Zeit		f	log g	G	0h Welt-Zeit		f	log g	G
1935		s		h m s	1935		s		h m s
Sept.	27	+33.969	2.34555	23 56 25	Nov.	14	+34.320	2.34999	23 57 31
Okt.	1	33.994	2.34586	23 56 28		18	34.358	2.35046	23 57 38
	5	34.018	2.34617	23 56 31		22	34.398	2.35096	23 57 45
	9	34.044	2.34649	23 56 35		26	34.439	2.35147	23 57 51
	13	34.070	2.34682	23 56 40		30	34.481	2.35200	23 57 57
	17	+34.096	2.34716	23 56 45	Dez.	4	+34.524	2.35254	23 58 2
	21	34.124	2.34751	23 56 51		8	34.568	2.35309	23 58 7
	25	34.153	2.34788	23 56 57		12	34.613	2.35366	23 58 11
	29	34.184	2.34827	23 57 4		16	34.659	2.35424	23 58 15
Nov.	2	34.216	2.34867	23 57 10		20	34.705	2.35482	23 58 18
	6	+34.249	2.34909	23 57 17		24	+34.752	2.35540	23 58 20
	10	34.284	2.34953	23 57 24		28	34.798	2.35598	23 58 22
	14	+34.320	2.34999	23 57 31		32	+34.844	2.35655	23 58 23

Die mit den vorstehend gegebenen Größen f, log g und G berechnete Reduktion vom mittleren Äquinoktium 1925.0 auf das wahre Äquinoktium der Epoche bedarf noch einer Verbesserung, die von dem Einfluß der Variatio saecularis herrührt und auf S. 273* enthalten ist. Es wird somit:

$$\text{Red. in } \alpha = f + {}^1/_{15}\, g \sin(G+\alpha) \operatorname{tg} \delta + \text{Korr. nach S. 273*}$$
$$\text{Red. in } \delta = g \cos(G+\alpha) + \text{Korr. nach S. 273*}$$

Korrektion der Reduktion vom mittleren Äquinoktium 1925.0 auf das jedesmalige wahre Äquinoktium (s. S. 271*—272*), berechnet für 1935.0, mit Hinzufügung ihrer einjährigen Änderung.

Für Rektaszension (in $0^s.001$)

α	δ = +60°		+50°		+30°		+10°		−10°		−30°		−50°		−60°	
0^h	+27	+5	+19	+4	+10	+2	+4	+1	−2	0	−8	−2	−17	−3	−25	−5
1	+37	+7	+24	+5	+12	+2	+5	+1	0	0	−5	−1	−10	−2	−13	−3
2	+43	+9	+27	+5	+13	+3	+6	+1	+2	0	−2	0	−3	−1	−2	0
3	+42	+8	+26	+5	+12	+2	+6	+1	+3	+1	0	0	+1	0	+6	+1
4	+33	+7	+20	+4	+10	+2	+5	+1	+3	+1	+1	0	+3	+1	+8	+2
5	+19	+4	+11	+2	+6	+1	+3	+1	+2	0	+2	0	+3	+1	+6	+1
6	0	0	+1	0	+1	0	+1	0	+1	0	+1	0	+1	0	+1	0
7	−18	−4	−10	−2	−4	−1	−2	0	0	0	+1	0	0	0	−3	−1
8	−32	−6	−19	−4	−8	−2	−3	−1	−1	0	+1	0	−1	0	−5	−1
9	−40	−8	−24	−5	−11	−2	−4	−1	−1	0	+2	0	+1	0	−3	−1
10	−41	−8	−25	−5	−11	−2	−4	−1	0	0	+4	+1	+6	+1	+4	+1
11	−36	−7	−23	−5	−10	−2	−3	−1	+2	0	+7	+1	+12	+2	+15	+3
12	−25	−5	−17	−3	−8	−2	−2	0	+4	+1	+10	+2	+19	+4	+27	+5
13	−13	−3	−10	−2	−5	−1	0	0	+5	+1	+12	+2	+24	+5	+37	+7
14	−2	0	−3	−1	−2	0	+2	0	+6	+1	+13	+3	+27	+5	+43	+9
15	+6	+1	+1	0	0	0	+3	+1	+6	+1	+12	+2	+26	+5	+42	+8
16	+8	+2	+3	+1	+1	0	+3	+1	+5	+1	+10	+2	+20	+4	+33	+7
17	+6	+1	+3	+1	+2	0	+2	0	+3	+1	+6	+1	+11	+2	+19	+4
18	+1	0	+1	0	+1	0	+1	0	+1	0	+1	0	+1	0	0	0
19	−3	−1	0	0	+1	0	0	0	−2	0	−4	−1	−10	−2	−18	−4
20	−5	−1	−1	0	+1	0	−1	0	−3	−1	−8	−2	−19	−4	−32	−6
21	−3	−1	+1	0	+2	0	−1	0	−4	−1	−11	−2	−24	−5	−40	−8
22	+4	+1	+6	+1	+4	+1	0	0	−4	−1	−11	−2	−25	−5	−41	−8
23	+15	+3	+12	+2	+7	+1	+2	0	−3	−1	−10	−2	−23	−5	−36	−7
24	+27	+5	+19	+4	+10	+2	+4	+1	−2	0	−8	−2	−17	−3	−25	−5

Für Deklination (in $0''.01$)

α	δ = +60°		+50°		+30°		+10°		−10°		−30°		−50°		−60°	
0^h	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	−7	−1	−7	−1	−7	−1	−6	−1	−6	−1	−6	−1	−5	−1	−5	−1
2	−16	−3	−14	−3	−13	−3	−12	−2	−11	−2	−10	−2	−9	−2	−7	−1
3	−25	−5	−22	−4	−19	−4	−17	−3	−15	−3	−13	−3	−10	−2	−8	−2
4	−32	−6	−28	−6	−24	−5	−21	−4	−18	−4	−15	−3	−11	−2	−7	−1
5	−37	−8	−32	−7	−27	−5	−23	−5	−20	−4	−16	−3	−11	−2	−6	−1
6	−39	−8	−34	−7	−28	−6	−24	−5	−21	−4	−17	−3	−11	−2	−5	−1
7	−37	−7	−32	−6	−27	−5	−23	−5	−20	−4	−16	−3	−11	−2	−6	−1
8	−32	−6	−28	−6	−23	−5	−20	−4	−18	−4	−15	−3	−10	−2	−6	−1
9	−24	−5	−21	−4	−18	−4	−16	−3	−15	−3	−13	−3	−10	−2	−7	−1
10	−15	−3	−14	−3	−12	−2	−11	−2	−10	−2	−9	−2	−8	−2	−7	−1
11	−6	−1	−6	−1	−6	−1	−5	−1	−5	−1	−5	−1	−5	−1	−4	−1
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	+5	+1	+5	+1	+6	+1	+6	+1	+6	+1	+7	+1	+7	+1	+7	+1
14	+7	+1	+9	+2	+10	+2	+11	+2	+12	+2	+13	+3	+14	+3	+16	+3
15	+8	+2	+10	+2	+13	+3	+15	+3	+17	+3	+19	+4	+22	+4	+25	+5
16	+7	+1	+11	+2	+15	+3	+18	+4	+21	+4	+24	+5	+28	+6	+32	+6
17	+6	+1	+11	+2	+16	+3	+20	+4	+23	+5	+27	+5	+32	+7	+37	+8
18	+5	+1	+11	+2	+17	+3	+21	+4	+24	+5	+28	+6	+34	+7	+39	+8
19	+6	+1	+11	+2	+16	+3	+20	+4	+23	+5	+27	+5	+32	+6	+37	+7
20	+6	+1	+10	+2	+15	+3	+18	+4	+20	+4	+23	+5	+28	+6	+32	+6
21	+7	+1	+10	+2	+13	+3	+15	+3	+16	+3	+18	+4	+21	+4	+24	+5
22	+7	+1	+8	+2	+9	+2	+10	+2	+10	+2	+12	+2	+12	+3	+15	+3
23	+4	+1	+5	+1	+5	+1	+5	+1	+5	+1	+6	+1	+6	+1	+6	+1
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

α	0h, 12h		1h, 13h		2h, 14h		3h, 15h		4h, 16h		5h, 17h		α
m	−A₁+	−D+	−A₁+	−D+	−A₁+	−D+	−A₁+	−D+	−A₁+	−D+	−A₁+	−D+	m
	s	"	s	"	s	"	s	"	s	"	s	"	
0		200.44	3.444	193.67	6.668	173.70	9.438	141.89	11.565	100.41	12.904	52.09	0
1	0.043	200.44	500	193.44	718	173.26	479	141.27	594	99.65	919	51.24	1
2	101	200.44	556	193.21	768	172.82	520	140.65	623	98.90	933	50.40	2
3	160	200.43	613	192.97	819	172.38	561	140.02	651	98.14	948	49.55	3
4	218	200.42	669	192.73	869	171.93	602	139.40	680	97.37	962	48.71	4
5	276	200.40	725	192.49	919	171.48	642	138.77	708	96.61	976	47.86	5
6	334	200.38	781	192.25	6.969	171.03	682	138.14	736	95.84	12.990	47.01	6
7	393	200.36	837	192.00	7.018	170.57	723	137.50	764	95.07	13.003	46.16	7
8	451	200.33	892	191.75	068	170.11	763	136.86	791	94.30	017	45.30	8
9	510	200.30	3.948	191.49	117	169.64	802	136.22	819	93.53	030	44.45	9
10	0.568	200.26	4.004	191.23	7.167	169.17	9.842	135.58	11.846	92.75	13.043	43.60	10
11	626	200.22	059	190.97	216	168.70	881	134.93	873	91.97	055	42.74	11
12	684	200.18	115	190.70	265	168.23	921	134.29	899	91.20	068	41.89	12
13	743	200.13	170	190.43	313	167.75	960	133.64	926	90.42	080	41.03	13
14	801	200.08	226	190.16	362	167.27	9.998	132.98	952	89.63	091	40.18	14
15	859	200.03	281	189.88	411	166.78	10.037	132.33	11.978	88.85	103	39.32	15
16	917	199.97	336	189.60	459	166.30	075	131.67	12.004	88.07	114	38.46	16
17	0.975	199.91	391	189.31	507	165.81	114	131.01	029	87.28	125	37.60	17
18	1.034	199.84	446	189.02	556	165.32	152	130.34	054	86.49	136	36.75	18
19	092	199.77	501	188.73	604	164.82	189	129.68	079	85.70	147	35.89	19
20	1.150	199.70	4.556	188.43	7.652	164.32	10.227	129.01	12.104	84.91	13.157	35.03	20
21	208	199.62	611	188.13	700	163.82	264	128.34	129	84.12	167	34.17	21
22	266	199.54	665	187.83	747	163.32	302	127.66	153	83.32	177	33.30	22
23	324	199.45	720	187.52	795	162.81	339	126.99	177	82.53	186	32.44	23
24	382	199.36	774	187.21	842	162.30	375	126.31	201	81.73	196	31.57	24
25	440	199.27	829	186.89	890	161.78	412	125.63	225	80.93	205	30.71	25
26	498	199.17	883	186.57	937	161.26	448	124.95	248	80.13	214	29.84	26
27	556	199.07	937	186.25	7.983	160.74	485	124.26	272	79.33	222	28.98	27
28	613	198.97	4.992	185.93	8.030	160.22	521	123.58	295	78.52	231	28.11	28
29	671	198.86	5.046	185.60	076	159.69	556	122.89	317	77.72	239	27.25	29
30	1.729	198.75	5.100	185.27	8.123	159.16	10.592	122.20	12.340	76.91	13.247	26.38	30
31	787	198.64	154	184.94	169	158.62	628	121.50	362	76.10	255	25.51	31
32	845	198.52	207	184.60	215	158.09	663	120.81	384	75.30	262	24.64	32
33	902	198.40	261	184.26	261	157.55	698	120.11	406	74.49	269	23.78	33
34	1.960	198.27	314	183.91	307	157.00	733	119.40	428	73.67	276	22.91	34
35	2.018	198.14	368	183.56	352	156.46	768	118.70	449	72.86	282	22.04	35
36	076	198.01	421	183.21	398	155.91	802	117.99	470	72.05	289	21.17	36
37	133	197.87	474	182.85	443	155.36	837	117.29	491	71.23	295	20.30	37
38	191	197.73	528	182.49	488	154.80	871	116.58	511	70.41	301	19.43	38
39	248	197.58	581	182.13	533	154.25	904	115.86	532	69.59	306	18.56	39
40	2.306	197.43	5.634	181.76	8.578	153.69	10.938	115.15	12.552	68.77	13.311	17.69	40
41	363	197.28	687	181.39	623	153.13	10.971	114.43	572	67.95	316	16.82	41
42	420	197.12	739	181.02	667	152.56	11.004	113.72	591	67.12	321	15.95	42
43	478	196.96	792	180.64	711	151.99	037	113.00	611	66.30	325	15.07	43
44	535	196.80	844	180.26	755	151.42	070	112.27	630	65.47	329	14.20	44
45	592	196.63	897	179.87	799	150.85	102	111.55	649	64.64	333	13.33	45
46	649	196.46	5.949	179.48	843	150.27	134	110.82	668	63.81	337	12.46	46
47	706	196.29	6.001	179.09	887	149.69	167	110.09	686	62.99	341	11.59	47
48	764	196.11	053	178.70	930	149.10	199	109.36	704	62.16	344	10.71	48
49	821	195.93	105	178.30	8.974	148.52	230	108.63	722	61.32	347	9.84	49
50	2.878	195.74	6.157	177.90	9.017	147.93	11.262	107.89	12.740	60.49	13.349	8.97	50
51	935	195.55	208	177.50	060	147.34	293	107.15	757	59.66	352	8.10	51
52	2.992	195.36	260	177.09	103	146.74	324	106.41	775	58.82	354	7.22	52
53	3.048	195.16	311	176.68	145	146.15	355	105.66	792	57.98	356	6.35	53
54	105	194.96	363	176.26	188	145.55	386	104.92	808	57.14	358	5.47	54
55	162	194.75	414	175.84	230	144.95	416	104.17	825	56.30	359	4.60	55
56	218	194.54	465	175.42	272	144.34	446	103.42	841	55.46	361	3.72	56
57	275	194.33	516	175.00	314	143.73	476	102.67	857	54.62	362	2.85	57
58	331	194.11	566	174.57	355	143.12	506	101.92	873	53.77	363	1.97	58
59	388	193.89	617	174.14	397	142.51	536	101.17	889	52.93	363	1.10	59
60	3.444	193.67	6.668	173.70	9.438	141.89	11.565	100.41	12.904	52.09	13.363	0.22	60

α	6h, 18h		7h, 19h		8h, 20h		9h, 21h		10h, 22h		11h, 23h		α
m	−A₁+	+D−	−A₁+	+D−	−A₁+	+D−	−A₁+	+D−	−A₁+	+D−	−A₁+	+D−	m
	s	"	s	"	s	"	s	"	s	"	s	"	
0	13.363		12.911	51.66	11.580	100.03	9.459	141.57	6.694	173.47	3.473	193.55	0
1	363	0.65	896	52.51	551	100.79	418	142.19	643	173.91	417	193.78	1
2	363	1.53	880	53.35	521	101.54	376	142.80	592	174.34	360	194.00	2
3	362	2.40	865	54.19	492	102.29	335	143.41	542	174.77	304	194.22	3
4	361	3.28	849	55.03	462	103.04	293	144.02	491	175.20	247	194.43	4
5	360	4.15	833	55.87	432	103.79	251	144.63	440	175.62	191	194.64	5
6	359	5.02	817	56.71	402	104.54	209	145.23	389	176.04	134	194.85	6
7	358	5.90	800	57.55	371	105.28	167	145.84	338	176.46	077	195.05	7
8	356	6.77	783	58.39	340	106.03	124	146.44	286	176.87	3.021	195.25	8
9	354	7.65	766	59.23	309	106.77	082	147.03	235	177.28	2.964	195.45	9
10	13.351	8.52	12.749	60.06	11.278	107.51	9.039	147.63	6.184	177.69	2.907	195.64	10
11	349	9.39	731	60.90	247	108.25	8.996	148.22	132	178.09	850	195.83	11
12	346	10.27	713	61.73	215	108.98	953	148.80	080	178.49	793	196.01	12
13	343	11.14	695	62.56	183	109.71	909	149.39	6.028	178.89	735	196.19	13
14	339	12.02	677	63.39	151	110.44	866	149.97	5.976	179.28	678	196.37	14
15	335	12.89	658	64.22	119	111.17	822	150.55	924	179.67	621	196.54	15
16	331	13.76	639	65.05	087	111.90	778	151.12	871	180.06	564	196.71	16
17	327	14.63	620	65.88	054	112.62	734	151.70	819	180.44	507	196.88	17
18	323	15.51	601	66.70	11.021	113.34	690	152.27	766	180.82	449	197.04	18
19	318	16.38	582	67.53	10.988	114.06	646	152.83	714	181.20	392	197.20	19
20	13.313	17.25	12.562	68.35	10.955	114.78	8.601	153.40	5.661	181.57	2.335	197.36	20
21	308	18.12	542	69.17	921	115.50	556	153.96	608	181.94	277	197.51	21
22	303	18.99	522	69.99	888	116.21	512	154.52	555	182.31	220	197.66	22
23	297	19.86	501	70.81	854	116.92	467	155.07	501	182.67	162	197.80	23
24	291	20.73	481	71.63	819	117.63	421	155.63	448	183.03	105	197.94	24
25	285	21.60	460	72.44	785	118.34	376	156.18	395	183.38	2.047	198.07	25
26	279	22.47	439	73.26	751	119.04	331	156.72	341	183.73	1.989	198.20	26
27	272	23.34	417	74.07	716	119.75	285	157.27	288	184.08	932	198.33	27
28	265	24.20	395	74.88	681	120.45	239	157.81	234	184.42	874	198.46	28
29	258	25.07	373	75.69	646	121.14	193	158.34	181	184.76	817	198.58	29
30	13.250	25.94	12.351	76.50	10.611	121.84	8.147	158.88	5.127	185.10	1.759	198.70	30
31	242	26.81	329	77.31	575	122.53	101	159.41	073	185.43	701	198.81	31
32	234	27.67	306	78.11	540	123.23	054	159.94	5.019	185.76	643	198.92	32
33	226	28.54	283	78.92	504	123.92	8.008	160.47	4.965	186.09	586	199.02	33
34	218	29.40	260	79.72	467	124.60	7.961	160.99	911	186.41	528	199.12	34
35	209	30.27	237	80.52	431	125.29	914	161.51	857	186.73	470	199.22	35
36	200	31.13	213	81.32	394	125.97	867	162.03	802	187.05	412	199.32	36
37	191	31.99	190	82.12	358	126.65	820	162.54	748	187.36	354	199.41	37
38	181	32.86	166	82.92	321	127.32	772	163.05	693	187.67	296	199.50	38
39	172	33.72	141	83.72	283	128.00	725	163.56	639	187.98	238	199.58	39
40	13.162	34.58	12.117	84.51	10.246	128.67	7.677	164.06	4.584	188.28	1.180	199.66	40
41	152	35.44	092	85.30	209	129.34	629	164.56	529	188.58	122	199.74	41
42	141	36.30	067	86.09	171	130.00	581	165.06	474	188.87	064	199.81	42
43	131	37.16	042	86.88	133	130.67	533	165.56	419	189.16	1.005	199.88	43
44	120	38.02	12.017	87.67	095	131.33	485	166.05	364	189.45	0.947	199.94	44
45	109	38.88	11.991	88.45	057	131.99	436	166.54	309	189.73	889	200.00	45
46	097	39.74	965	89.23	10.018	132.65	388	167.03	254	190.01	831	200.06	46
47	086	40.59	939	90.02	9.980	133.30	339	167.51	198	190.29	773	200.11	47
48	074	41.45	913	90.80	941	133.95	290	167.99	143	190.56	714	200.16	48
49	061	42.30	887	91.57	901	134.60	241	168.46	087	190.83	656	200.20	49
50	13.049	43.16	11.860	92.35	9.862	135.25	7.192	168.93	4.032	191.10	0.598	200.24	50
51	036	44.01	833	93.13	823	135.89	143	169.40	3.976	191.36	540	200.28	51
52	023	44.86	806	93.90	783	136.53	094	169.87	920	191.62	481	200.31	52
53	13.010	45.72	778	94.67	743	137.17	7.044	170.33	865	191.87	423	200.34	53
54	12.997	46.57	751	95.44	703	137.81	6.995	170.79	809	192.12	364	200.37	54
55	983	47.42	723	96.21	663	138.44	945	171.24	753	192.37	306	200.39	55
56	969	48.27	695	96.98	623	139.07	895	171.69	.697	192.61	248	200.41	56
57	955	49.12	666	97.74	582	139.70	845	172.14	641	192.85	190	200.42	57
58	940	49.96	638	98.51	541	140.32	795	172.59	585	193.09	131	200.43	58
59	926	50.81	609	99.27	500	140.95	745	173.03	529	193.32	073	200.44	59
60	12.911	51.66	11.580	100.03	9.459	141.57	6.694	173.47	3.473	193.55	0.015	200.44	60

Reduktionsgrößen 1935

Übertragung von Sternörtern vom mittleren Äquinoktium 1935.0
auf das Normaläquinoktium 1925.0

α	A	A_2	D_1	α	α	A	A_2	D_1	α
h m	s	s	"	h m	h m	s	s	"	h m
0 0	−30.729	+0.0000	−0.000	12 0	6 0	−30.729	−0.0000	−0.097	18 0
10	729	06	00	10	10	729	06	97	10
20	728	11	01	20	20	729	11	97	20
30	728	17	02	30	30	730	17	96	30
40	728	22	03	40	40	730	22	94	40
50	728	27	05	50	50	730	27	93	50
1 0	−30.727	+0.0032	−0.007	13 0	7 0	−30.730	−0.0032	−0.091	19 0
10	727	37	09	10	10	731	37	88	10
20	727	42	11	20	20	731	42	86	20
30	727	46	14	30	30	731	46	83	30
40	726	50	17	40	40	731	50	80	40
50	726	53	21	50	50	732	53	77	50
2 0	−30.726	+0.0056	−0.024	14 0	8 0	−30.732	−0.0056	−0.073	20 0
10	726	59	28	10	10	732	59	69	10
20	726	61	32	20	20	732	61	65	20
30	726	63	36	30	30	732	63	61	30
40	726	64	40	40	40	732	64	57	40
50	726	65	45	50	50	732	65	53	50
3 0	−30.726	+0.0065	−0.049	15 0	9 0	−30.732	−0.0065	−0.049	21 0
10	726	65	53	10	10	732	65	45	10
20	726	64	57	20	20	732	64	40	20
30	726	63	61	30	30	732	63	36	30
40	726	61	65	40	40	732	61	32	40
50	726	59	69	50	50	732	59	28	50
4 0	−30.726	+0.0056	−0.073	16 0	10 0	−30.732	−0.0056	−0.024	22 0
10	726	53	77	10	10	732	53	21	10
20	726	50	80	20	20	731	50	17	20
30	727	46	83	30	30	731	46	14	30
40	727	42	86	40	40	731	42	11	40
50	727	37	88	50	50	731	37	09	50
5 0	−30.727	+0.0032	−0.091	17 0	11 0	−30.730	−0.0032	−0.007	23 0
10	728	27	93	10	10	730	27	05	10
20	728	22	94	20	20	730	22	03	20
30	728	17	96	30	30	730	17	02	30
40	728	11	97	40	40	729	11	01	40
50	729	06	97	50	50	729	06	00	50
6 0	−30.729	+0.0000	−0.097	18 0	12 0	−30.729	−0.0000	−0.000	24 0

$$\alpha_{1925} = \alpha_{1935} + A + A_1 \operatorname{tg} \delta_{1935} + A_2 \operatorname{tg}^2 \delta_{1935}$$
$$\delta_{1925} = \delta_{1935} + D + D_1 \operatorname{tg} \delta_{1935}$$

A_1 und D sind aus der Tafel (S. 274* u. 275*) mit dem Argument α_{1935} zu entnehmen; für die Werte von α zwischen 0^h und 12^h gelten die Vorzeichen zur Linken, für die Werte von α zwischen 12^h und 24^h die Vorzeichen zur Rechten.

Finsternisse, Sternbedeckungen, Mösting A, Trabanten

Konstellationen, Hilfstafeln

1935

Im Jahre 1935 finden fünf Sonnenfinsternisse und zwei Mondfinsternisse statt.

I. Partielle Sonnenfinsternis 1935 Januar 5 unsichtbar in Berlin.

Konjunktion in Rektaszension . . . . . Januar 5, 5h 2m 55s.9 Welt-Zeit

Rektaszension des Mondes	19h 0m 33s.02
Stündliche Änderung	2 41.12
Rektaszension der Sonne	19 0 33.02
Stündliche Änderung	11.00
Deklination des Mondes	−24° 18′ 13″.5
Stündliche Änderung	+ 7 8.1
Deklination der Sonne	−22 43 9.3
Stündliche Änderung	+ 15.9
Äquatorialhorizontalparallaxe des Mondes .	1° 0′ 44″.0
,, der Sonne . .	8.9
Halbmesser des Mondes	16′ 32″.1
,, der Sonne	16 15.9

	Welt-Zeit	Westl. Länge v. Greenwich	Geogr. Breite
Beginn der Finsternis	Januar 5, 5h 31m.6	106° 14′	−65° 17′
Größte Phase	,, 5 35.3	110 2	−64 44
Ende der Finsternis	,, 5 39.2	113 56	−64 7

Größe der Finsternis in Einheiten des Sonnendurchmessers = 0.001

Die Finsternis ist nur in einem kleinen Gebiet im südlichen Eismeer sichtbar.

Elemente der partiellen Sonnenfinsternis 1935 Januar 5

Welt-Zeit	x	y	log sin d	log cos d	μ	$l^{(a)}$
5h 0m	−0.02759	−1.57466	9.58676n	9.96494	253° 43′.8	+0.54134
10	+0.06651	1.55569	9.58675n	9.96494	256 13.8	0.54133
20	0.16061	1.53671	9.58674n	9.96494	258 43.8	0.54132
30	0.25471	1.51771	9.58673n	9.96494	261 13.7	0.54131
40	0.34881	1.49870	9.58671n	9.96494	263 43.7	0.54129
50	0.44290	1.47968	9.58670n	9.96495	266 13.7	0.54128
6 0	+0.53699	−1.46065	9.58669n	9.96495	268 43.6	+0.54127

Welt-Zeit	x'	y'	log tang $f^{(a)}$
5h 0m	+0.009410	+0.001897	7.67714
6 0	+0.009409	+0.001903	7.67714

II. Totale Mondfinsternis 1935 Januar 19 zum Teil sichtbar in Berlin.

Opposition in Rektaszension . . . Januar 19, $15^h\,37^m\,44^s.6$ Welt-Zeit

Rektaszension des Mondes	$8^h\ 3^m\ 6^s.08$
Stündliche Änderung	2 2.20
Rektaszension der Sonne	20 3 6.08
Stündliche Änderung	10.63
Deklination des Mondes	$+20^\circ\ 40'\ 31''.9$
Stündliche Änderung	— 8 45.6
Deklination der Sonne	—20 26 20.7
Stündliche Änderung	+ 31.1
Äquatorialhorizontalparallaxe des Mondes . .	$54'\ 13''.3$
,, der Sonne . .	8.9
Halbmesser des Mondes	$14'\ 45''.7$
,, der Sonne	16 15.3

Eintritt des Mondes in den Halbschatten	Januar 19,	$12^h\ 38^m.7$	Welt-Zeit
Eintritt des Mondes in den Kernschatten .	,,	13 53.2	,,
Anfang der totalen Verfinsterung	,,	15 3.5	,,
Mitte der Finsternis	,,	15 47.1	,,
Ende der totalen Verfinsterung	,,	16 30.7	,,
Austritt des Mondes aus dem Kernschatten	,,	17 40.7	,,
Austritt des Mondes aus dem Halbschatten	,,	18 54.7	,,

Der Mond steht zu den Zeiten der ersten und letzten Berührung mit dem Kernschatten im Zenit der Orte, deren geographische Lage ist:

206° 27′ westliche Länge von Greenwich, 20° 56′ nördliche Breite
261° 32′ ,, ,, ,, ,, 20° 22′ ,, ,,

Positionswinkel des Eintritts . . . . = 122°
,, ,, Austritts . . . . = 273°
Größe der Finsternis in Einheiten des Monddurchmessers . = 1.355

Der Anfang der Finsternis ist sichtbar im Osten Europas, in Asien, im östlichen Teil des Indischen Ozeans, in Australien, im Stillen Ozean und im Westen von Nordamerika. Das Ende ist sichtbar in Europa, in Afrika mit Ausnahme seines westlichsten Teiles, im Indischen Ozean, in Australien, im westlichen Teil des Stillen Ozeans und im nordwestlichen Teil von Nordamerika.

III. Partielle Sonnenfinsternis 1935 Februar 3 unsichtbar in Berlin.

Konjunktion in Rektaszension . . . Februar 3, 17ʰ 4ᵐ 6ˢ.5 Welt-Zeit

Rektaszension des Mondes	21ʰ 5ᵐ 41ˢ.45
Stündliche Änderung	2 27.13
Rektaszension der Sonne	21 5 41.45
Stündliche Änderung	10.14
Deklination des Mondes	−15° 23′ 4″.7
Stündliche Änderung	+ 14 15.5
Deklination der Sonne	−16 38 48.3
Stündliche Änderung	+ 43.9
Äquatorialhorizontalparallaxe des Mondes . .	1° 1′ 25″.2
„ der Sonne . .	8.9
Halbmesser des Mondes	16′ 43″.3
„ der Sonne	16 13.5

	Welt-Zeit	Westl. Länge von Greenwich	Geogr. Breite
	h m	° ′	° ′
Beginn der Finsternis	Februar 3, 14 30.1	116 5	+24 48
Größte Phase	„ 16 15.9	115 19	+62 33
Ende der Finsternis	„ 18 1.3	35 53	+64 37

Größe der Finsternis in Einheiten des Sonnendurchmessers = 0.739.

Die Finsternis ist sichtbar im nordöstlichsten Teil des Stillen Ozeans, in Nordamerika mit Ausnahme des nordwestlichen Teiles, in Mittelamerika, im nordwestlichen Teil des Atlantischen Ozeans und im südlichen Teil von Grönland.

Elemente der partiellen Sonnenfinsternis 1935 Februar 3

Welt-Zeit	x	y	log sin d	log cos d	μ	$l^{(a)}$
h m					° ′	
14 30	−1.38441	+0.66946	9.45792n	9.98133	34 1.3	+0.53770
40	1.29458	0.70619	9.45787n	9.98133	36 31.3	0.53771
50	1.20474	0.74292	9.45782n	9.98134	39 1.3	0.53771
15 0	−1.11491	+0.77966	9.45777n	9.98134	41 31.3	+0.53771
10	1.02508	0.81640	9.45772n	9.98134	44 1.3	0.53771
20	0.93524	0.85315	9.45767n	9.98135	46 31.3	0.53771
30	0.84541	0.88990	9.45762n	9.98135	49 1.3	0.53771
40	0.75557	0.92665	9.45757n	9.98136	51 31.3	0.53771
50	0.66573	0.96340	9.45752n	9.98137	54 1.3	0.53771
16 0	−0.57590	+1.00016	9.45747n	9.98137	56 31.3	+0.53771
10	0.48607	1.03692	9.45742n	9.98137	59 1.3	0.53771
20	0.39624	1.07369	9.45737n	9.98138	61 31.3	0.53771
30	0.30640	1.11045	9.45733n	9.98138	64 1.3	0.53770
40	0.21657	1.14722	9.45728n	9.98139	66 31.3	0.53770
50	0.12673	1.18399	9.45723n	9.98140	69 1.3	0.53770
17 0	−0.03690	+1.22076	9.45718n	9.98140	71 31.4	+0.53769
10	+0.05293	1.25754	9.45713n	9.98140	74 1.4	0.53768
20	0.14276	1.29432	9.45708n	9.98141	76 31.4	0.53768
30	0.23258	1.33110	9.45703n	9.98141	79 1.4	0.53767
40	0.32240	1.36788	9.45698n	9.98141	81 31.4	0.53766
50	0.41222	1.40466	9.45693n	9.98142	84 1.4	0.53765
18 0	+0.50203	+1.44145	9.45688n	9.98142	86 31.4	+0.53764
10	+0.59184	+1.47824	9.45683n	9.98142	89 1.4	+0.53763

Welt-Zeit	x'	y'	log tang $f^{(a)}$
h m			
14 0	+0.008983	+0.003671	7.67604
15 0	0.008983	0.003674	7.67604
16 0	0.008983	0.003676	7.67604
17 0	0.008983	0.003678	7.67603
18 0	0.008981	0.003679	7.67603
19 0	+0.008979	+0.003680	7.67603

IV. Partielle Sonnenfinsternis 1935 Juni 30 unsichtbar in Berlin.

Konjunktion in Rektaszension . . . . . . Juni 30, 19^h 34^m 47.2^s Welt-Zeit

Rektaszension des Mondes	6^h 35^m 7.54^s
Stündliche Änderung	2 17.26
Rektaszension der Sonne	6 35 7.54
Stündliche Änderung	10.36
Deklination des Mondes	+24° 28′ 51.4″
Stündliche Änderung	− 4 43.2
Deklination der Sonne	+23 12 10.6
Stündliche Änderung	− 8.7
Äquatorialhorizontalparallaxe des Mondes	55′ 45.2″
„ der Sonne	8.7
Halbmesser des Mondes	15′ 10.8″
„ der Sonne	15 43.8

	Welt-Zeit	Westl. Länge von Greenwich	Geogr. Breite
	h m	° ′	° ′
Beginn der Finsternis	Juni 30, 18 34.0	235 25	+59 56
Größte Phase	„ 19 59.3	320 42	+65 14
Ende der Finsternis	„ 21 24.9	23 19	+46 43

Größe der Finsternis in Einheiten des Sonnendurchmessers = 0.338

Die Finsternis ist sichtbar im nordwestlichen und nördlichen Teil von Europa, in Grönland, im Norden Asiens und im nördlichen Eismeer.

Elemente der partiellen Sonnenfinsternis 1935 Juni 30

Welt-Zeit	x	y	log sin d	log cos d	μ	$l^{(a)}$
h m					° ′	
18 30	−0.56073	+1.46687	9.59547	9.96337	96 39.5	+0.55567
40	0.47417	1.45332	9.59546	9.96337	99 9.5	0.55569
50	0.38762	1.43975	9.59545	9.96337	101 39.5	0.55572
19 0	−0.30107	+1.42617	9.59545	9.96338	104 9.4	+0.55574
10	0.21452	1.41258	9.59544	9.96338	106 39.4	0.55576
20	0.12797	1.39898	9.59544	9.96338	109 9.4	0.55578
30	−0.04143	1.38537	9.59543	9.96338	111 39.4	0.55580
40	+0.04512	1.37174	9.59542	9.96338	114 9.4	0.55582
50	0.13166	1.35811	9.59542	9.96338	116 39.4	0.55583
20 0	+0.21820	+1.34446	9.59541	9.96338	119 9.4	+0.55585
10	0.30473	1.33080	9.59540	9.96338	121 39.4	0.55587
20	0.39127	1.31713	9.59540	9.96339	124 9.4	0.55588
30	0.47780	1.30344	9.59539	9.96339	126 39.4	0.55590
40	0 56432	1.28975	9.59538	9.96339	129 9.4	0.55591
50	0.65084	1.27604	9.59538	9.96339	131 39.4	0.55593
21 0	+0.73736	+1.26232	9.59537	9.96339	134 9.4	+0.55594
10	0.82388	1.24860	9.59536	9.96339	136 39.4	0.55595
20	0.91039	1.23486	9.59535	9.96339	139 9.3	0.55597
30	+0.99690	+1.22110	9.59535	9.96339	141 39.3	+0.55598

Welt-Zeit	x'	y'	log tang $f^{(a)}$
h m			
18 0	+0.008656	−0.001351	7.66268
19 0	0.008655	0.001358	7.66268
20 0	0.008654	0.001365	7.66268
21 0	0.008652	0.001372	7.66268
22 0	+0.008650	−0.001379	7.66268

Sonnenfinsternis 1935 Juni 30

Geographische Breite	Anfang der Finsternis									Größte Phase					Geographische Breite
	Östliche Länge von Greenwich									Östl. Länge von Greenwich					
	20^m	30^m	40^m	50^m	60^m	70^m	80^m	90^m	100^m	20^m	30^m	40^m	50^m	60^m	
	Welt-Zeit									Welt-Zeit					
	19^h	19^h	19^h	19^h	19^h	19^h	19^h	19^h	19^h	20^h	20^h	20^h	20^h	20^h	
51°	.	.	.	.	.	.	.	.	.	.	.	.	.	.	51°
52	61.7	.	.	.	.	.	.	.	.	.	.	.	.	.	52
53	60.1	58.0	.	.	.	.	.	.	.	.	.	.	.	.	53
54	58.5	56.4	54.3	.	.	.	.	.	.	.	.	.	.	.	54
55	56.9	54.8	52.8	50.8	.	.	.	.	.	.	.	.	.	.	55
56	55.3	53.3	51.3	49.3	47.3	.	.	.	.	.	.	.	.	.	56
57	53.7	51.8	49.8	47.9	45.9	44.0	.	.	.	30.9	.	.	.	.	57
58	52.1	50.2	48.4	46.5	44.6	42.6	40.7	.	.	29.7	28.0	.	.	.	58
59	50.5	48.7	46.9	45.1	43.2	41.3	39.5	37.6	.	28.6	26.9	25.1	23.4	.	59
60	49.0	47.2	45.4	43.7	41.8	40.0	38.2	36.4	34.5	27.4	25.8	24.1	22.4	20.6	60

Geographische Breite	Winkel P									Betrag der größten Phase					Geographische Breite
52°	330.4°	.	.	.	.	.	.	.	.	.	.	.	.	.	52°
53	329.8	329.0	.	.	.	.	.	.	.	.	.	.	.	.	53
54	329.2	328.4	327.7	.	.	.	.	.	.	.	.	.	.	.	54
55	328.7	327.9	327.2	326.6	.	.	.	.	.	.	.	.	.	.	55
56	328.2	327.4	326.8	326.1	325.5	.	.	.	.	.	.	.	.	.	56
57	327.7	327.0	326.4	325.7	325.1	324.6	.	.	.	0.28	.	.	.	.	57
58	327.4	326.6	326.0	325.4	324.8	324.3	323.8	.	.	0.28	0.29	.	.	.	58
59	327.0	326.3	325.6	325.1	324.5	324.0	323.5	323.0	.	0.29	0.29	0.30	0.30	.	59
60	326.7	326.0	325.3	324.8	324.2	323.7	323.2	322.8	322.4	0.29	0.29	0.30	0.30	0.31	60

Geographische Breite	Winkel Q														Geographische Breite
52°	299.7°	.	.	.	.	.	.	.	.	.	.	.	.	.	52°
53	299.7	299.7	.	.	.	.	.	.	.	.	.	.	.	.	53
54	299.8	299.8	299.9	.	.	.	.	.	.	.	.	.	.	.	54
55	299.9	299.9	300.0	300.1	.	.	.	.	.	.	.	.	.	.	55
56	300.0	300.0	300.1	300.2	300.4	.	.	.	.	.	.	.	.	.	56
57	300.2	300.2	300.3	300.4	300.6	300.9	.	.	.	.	.	.	.	.	57
58	300.5	300.5	300.5	300.6	300.8	301.1	301.4	.	.	.	.	.	.	.	58
59	300.8	300.8	300.8	300.9	301.1	301.3	301.6	302.0	.	.	.	.	.	.	59
60	301.1	301.1	301.1	301.2	301.4	301.6	301.9	302.3	302.6	.	.	.	.	.	60

V. Totale Mondfinsternis 1935 Juli 16 unsichtbar in Berlin.

Opposition in Rektaszension . . . . . Juli 16, $5^h\ 1^m\ 32^s.4$ Welt-Zeit

Rektaszension des Mondes	$19^h\ 38^m\ 13^s.82$
Stündliche Änderung	2 32.37
Rektaszension der Sonne	7 38 13.82
Stündliche Änderung	10.11
Deklination des Mondes	$-21^\circ\ 27'\ 36''.0$
Stündliche Änderung	+ 9 22.2
Deklination der Sonne	+21 31 47.2
Stündliche Änderung	— 23.6
Äquatorialhorizontalparallaxe des Mondes . .	$1^\circ\ 0'\ 8''.2$
„ der Sonne . .	8.7
Halbmesser des Mondes	$16'\ 22''.4$
„ der Sonne	15 44.1

Eintritt des Mondes in den Halbschatten . .	Juli 16,	$2^h\ 15^m.3$	Welt-Zeit
Eintritt des Mondes in den Kernschatten . .	„	3 11.8	„
Anfang der totalen Verfinsterung	„	4 9.4	„
Mitte der Finsternis	„	4 59.6	„
Ende der totalen Verfinsterung	„	5 49.7	„
Austritt des Mondes aus dem Kernschatten .	„	6 47.1	„
Austritt des Mondes aus dem Halbschatten .	„	7 43.1	„

Der Mond steht zu den Zeiten der ersten und letzten Berührung mit dem Kernschatten im Zenit der Orte, deren geographische Lage ist:

47° 35′ westliche Länge von Greenwich, 21° 44′ südliche Breite
99° 18′ „ „ „ „ 21° 11′ „ „

Positionswinkel des Eintritts . . . . = 79°
„ des Austritts . . . . = 251°

Größe der Finsternis in Einheiten des Monddurchmessers . = 1.761.

Der Beginn der Finsternis ist sichtbar in Afrika mit Ausnahme der nordöstlichsten Teile, im Südwesten von Europa, im Atlantischen Ozean, in Nordamerika mit Ausnahme der nordwestlichen Teile, in Südamerika und in den östlichen Teilen des Stillen Ozeans. Das Ende ist sichtbar im Atlantischen Ozean, in Nordamerika mit Ausnahme der nördlichsten Teile, in Südamerika und in den östlichen Teilen des Stillen Ozeans.

VI. Partielle Sonnenfinsternis 1935 Juli 30 unsichtbar in Berlin.

Konjunktion in Rektaszension . . . . Juli 30,	10ʰ 16ᵐ 43ˢ.3	Welt-Zeit
Rektaszension des Mondes	8ʰ 34ᵐ 49ˢ.51	
Stündliche Änderung	1 59.56	
Rektaszension der Sonne	8 34 49.51	
Stündliche Änderung	9.78	
Deklination des Mondes	+17° 19′ 23″.1	
Stündliche Änderung	− 10 6.5	
Deklination der Sonne	+18 41 59.4	
Stündliche Änderung	− 35.7	
Äquatorialhorizontalparallaxe des Mondes	54′ 34″.6	
„ der Sonne	8.7	
Halbmesser des Mondes	14′ 51″.6	
„ der Sonne.	15 45.2	

	Welt-Zeit	Westl. Länge v. Greenwich	Geogr. Breite
	h m	° ′	° ′
Beginn der Finsternis	Juli 30, 8 1.8	10 20	−43 10
Größte Phase	„ 9 16.0	5 49	−62 58
Ende der Finsternis	„ 10 29.9	324 2	−70 55

Größe der Finsternis in Einheiten des Sonnendurchmessers = 0.231

Die Finsternis ist im südlichen Eismeer sichtbar.

Elemente der partiellen Sonnenfinsternis 1935 Juli 30

Welt-Zeit	x	y	log sin d	log cos d	μ	$l^{(a)}$
h m					° ′	
8 0	−1.09703	−1.11876	9.50654	9.97638	298 25.0	+0.56219
10	1.01678	1.14790	9.50651	9.97639	300 55.0	0.56221
20	0.93654	1.17704	9.50647	9.97639	303 25.0	0.56222
30	0.85630	1.20619	9.50644	9.97639	305 55.0	0.56223
40	0.77605	1.23534	9.50640	9.97640	308 25.0	0.56225
50	0.69581	1.26450	9.50637	9.97640	310 55.1	0.56226
9 0	−0.61557	−1.29366	9.50633	9.97641	313 25.1	+0.56227
10	0.53533	1.32282	9.50630	9.97641	315 55.1	0.56229
20	0.45509	1.35199	9.50626	9.97642	318 25.1	0.56230
30	0.37485	1.38116	9.50622	9.97642	320 55.1	0.56231
40	0.29461	1.41033	9.50619	9.97642	323 25.1	0.56232
50	0.21438	1.43950	9.50615	9.97643	325 55.2	0.56233
10 0	−0.13415	−1.46868	9.50612	9.97643	328 25.2	+0.56234
10	−0.05392	1.49786	9.50608	9.97644	330 55.2	0.56235
20	+0.02631	1.52704	9.50605	9.97644	333 25.2	0.56236
30	+0.10653	−1.55623	9.50601	9.97644	335 55.2	+0.56236

Welt-Zeit	x'	y'	log tang $f^{(a)}$
h m			
8 0	+0.008025	−0.002914	7.66335
9 0	0.008024	0.002916	7.66335
10 0	0.008023	0.002918	7.66335
11 0	+0.008021	−0.002919	7.66335

VII. Ringförmige Sonnenfinsternis 1935 Dezember 25 unsichtbar in Berlin.

Konjunktion in Rektaszension . . Dezember 25,	17ʰ 46ᵐ 58ˢ.1	Welt-Zeit

Rektaszension des Mondes	18ʰ 13ᵐ 10ˢ.52
Stündliche Änderung	2 28.38
Rektaszension der Sonne	18 13 10.52
Stündliche Änderung	11.11
Deklination des Mondes	−24° 18′ 28″.4
Stündliche Änderung	+ 3 51.4
Deklination der Sonne	−23 24 48.4
Stündliche Änderung	+ 3.5
Äquatorialhorizontalparallaxe des Mondes . .	57′ 52″.4
„ der Sonne . .	8.9
Halbmesser des Mondes	15′ 45″.4
„ der Sonne	16 15.8

		Welt-Zeit	Westl. Länge von Greenwich	Geogr. Breite
		h m	° ′	° ′
Anfang der Finsternis	Dez. 25,	15 41.9	166 11	−39 12
Beginn der zentralen Verfinsterung	„	17 17.8	225 1	−62 18
Zentrale Verfinsterung in wahrer Mitternacht	„	17 47.0	266 46	−87 43
Ende der zentralen Verfinsterung	„	18 41.1	334 54	−53 14
Ende der Finsternis	„	20 16.8	21 31	−26 55

Größe der Finsternis in Einheiten des Sonnendurchmessers = 0.988.

Die Finsternis ist sichtbar im südlichen Teil von Südamerika, in Neuseeland, in den südlichen Teilen des Stillen und Atlantischen Ozeans und im südlichen Eismeer.

Elemente der ringförmigen Sonnenfinsternis 1935 Dezember 25

Welt-Zeit	x	y	log sin d	log cos d	μ	$l^{(a)}$	$l^{(i)}$
h m					° ′		
15 40	−1.14656	−1.06887	9.59918n	9.96268	55 1.4	+0.55489	+0.00893
50	1.05627	1.05798	9.59917n	9.96268	57 31.4	0.55488	0.00892
16 0	−0.96597	−1.04708	9.59917n	9.96268	60 1.4	+0.55487	+0.00891
10	0.87567	1.03617	9.59917n	9.96269	62 31.3	0.55486	0.00889
20	0.78537	1.02525	9.59917n	9.96269	65 1.3	0.55484	0.00888
30	0.69507	1.01431	9.59916n	9.96269	67 31.3	0.55483	0.00887
40	0.60477	1.00336	9.59916n	9.96269	70 1.2	0.55481	0.00885
50	0.51446	0.99240	9.59916n	9.96269	72 31.2	0.55480	0.00884
17 0	−0.42416	−0.98143	9.59916n	9.96269	75 1.2	+0.55478	+0.00882
10	0.33385	0.97044	9.59916n	9.96269	77 31.1	0.55477	0.00880
20	0.24355	0.95944	9.59915n	9.96269	80 1.1	0.55475	0.00879
30	0.15324	0.94844	9.59915n	9.96269	82 31.0	0.55473	0.00877
40	−0.06293	0.93741	9.59915n	9.96269	85 1.0	0.55471	0.00875
50	+0.02738	0.92638	9.59915n	9.96269	87 31.0	0.55469	0.00873
18 0	+0.11768	−0.91533	9.59914n	9.96269	90 0.9	+0.55467	+0.00871
10	0.20799	0.90428	9.59914n	9.96269	92 30.9	0.55465	0.00869
20	0.29830	0.89321	9.59914n	9.96269	95 0.8	0.55463	0.00867
30	0.38860	0.88213	9.59914n	9.96269	97 30.8	0.55461	0.00865
40	0.47890	0.87103	9.59913n	9.96269	100 0.8	0.55459	0.00863
50	0.56921	0.85993	9.59913n	9.96269	102 30.7	0.55456	0.00860
19 0	+0.65951	−0.84881	9.59913n	9.96269	105 0.7	+0.55454	+0.00858
10	0.74981	0.83768	9.59913n	9.96269	107 30.7	0.55452	0.00856
20	0.84011	0.82655	9.59913n	9.96269	110 0.6	0.55449	0.00853
30	0.93041	0.81540	9.59912n	9.96269	112 30.6	0.55446	0.00850
40	1.02070	0.80423	9.59912n	9.96269	115 0.6	0.55444	0.00848
50	1.11099	0.79306	9.59912n	9.96270	117 30.5	0.55441	0.00845
20 0	+1.20128	−0.78188	9.59912n	9.96270	120 0.5	+0.55438	+0.00842
10	1.29157	0.77068	9.59911n	9.96270	122 30.4	0.55436	0.00840
20	+1.38185	−0.75947	9.59911n	9.96270	125 0.4	+0.55433	+0.00837

Welt-Zeit	x'	y'	log tang $f^{(a)}$	log tang $f^{(i)}$
h m				
15 0	+0.009029	+0.001083	7.67713	7.67496
16 0	0.009030	0.001090	7.67713	7.67496
17 0	0.009030	0.001098	7.67713	7.67496
18 0	0.009031	0.001105	7.67713	7.67496
19 0	0.009030	0.001112	7.67713	7.67496
20 0	0.009029	0.001119	7.67713	7.67496
21 0	+0.009027	+0.001126	7.67713	7.67496

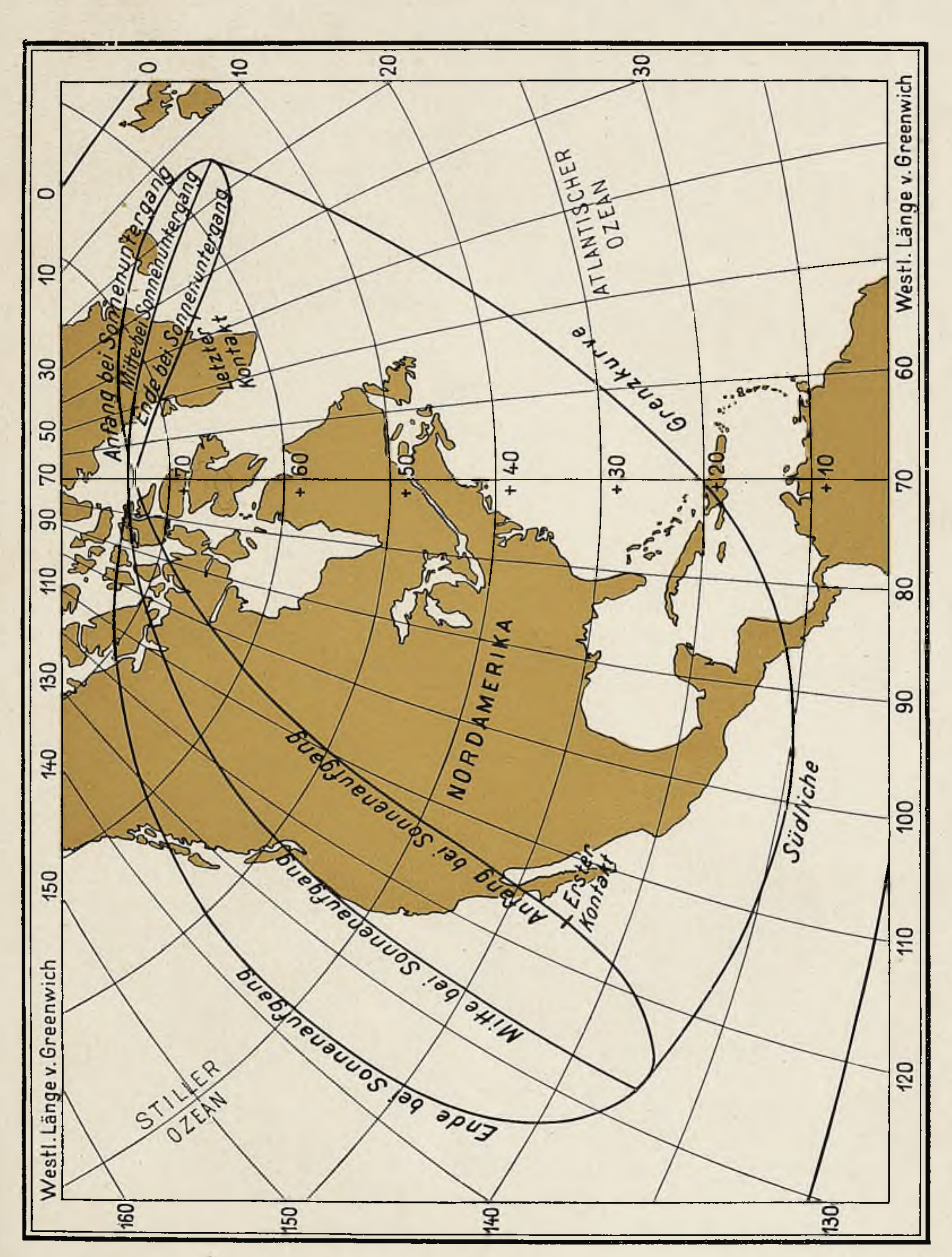
Sternbedeckungen 1935

Elemente der in Mitteleuropa sichtbaren Sternbedeckungen

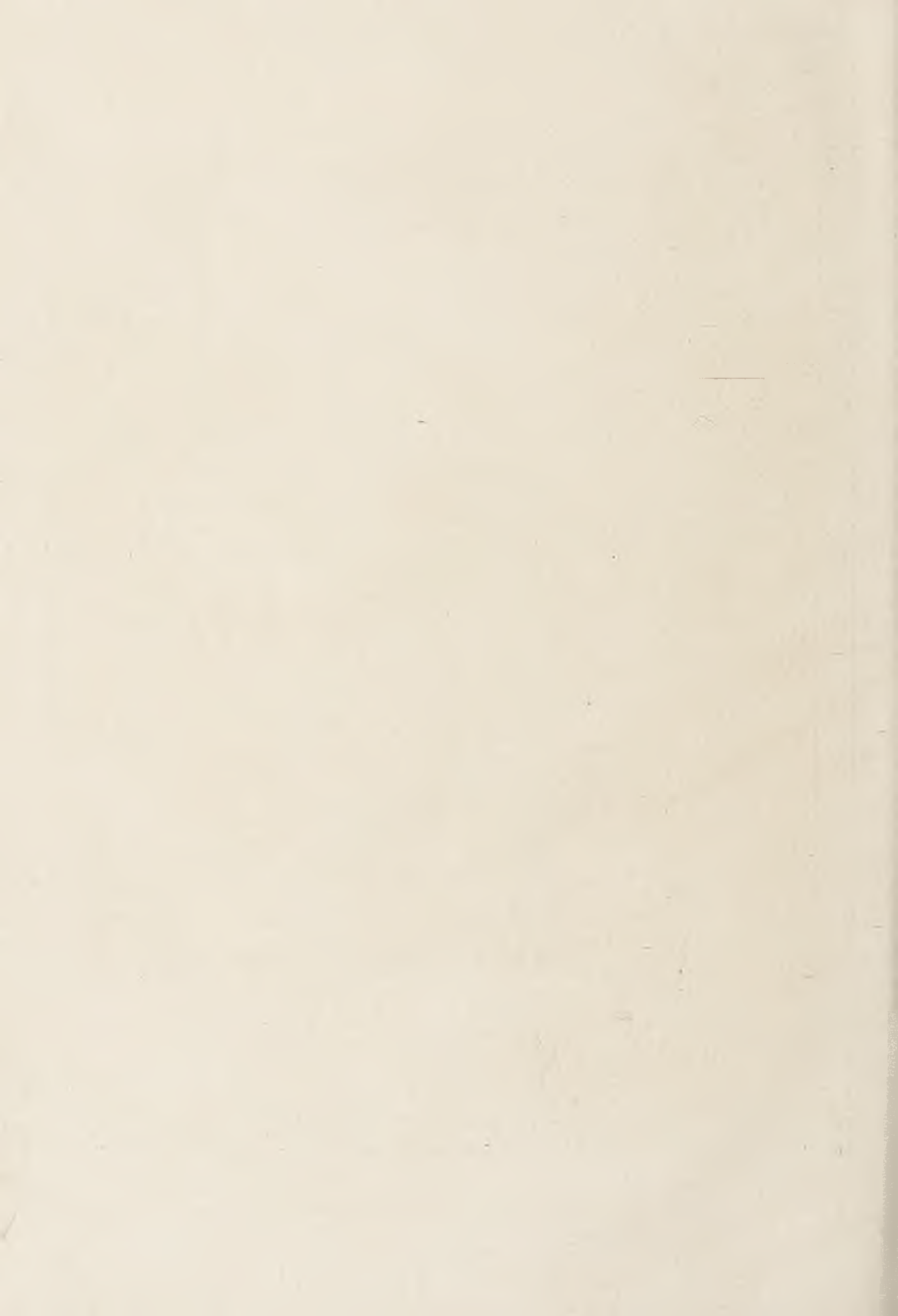
Stern			Konjunktion in Rektaszension					Grenzen der Sichtbarkeit in geogr. Br.	Alter d. Mondes
Name	Gr.	δ app.	Welt-Zeit	Stundenw. H	Y	x′	y′		
Januar									
	m	° ′	d h m	h m				° °	d
b Scorpii	4.8	−25 33.4	2 4 29.0	−4 34.5	+0.9108	0.5826	−0.1039	+65 +11	26.5
4 Scorpii	5.6	−26 4.6	2 6 16.7	−2 51.0	+1.2601	0.5841	−0.0992	+64 +48	26.6
π Scorpii	3.0	−25 55.8	2 7 36.4	−1 34.5	+0.9794	0.5853	−0.0957	+65 +16	26.6
186 B. Aquarii	6.2	− 6 53.3	8 17 38.6	+2 20.0	+0.5386	0.5479	+0.2652	+74 −15	3.5
22 B. Piscium	6.5	− 0 3.9	9 17 42.7	+1 35.8	+0.1727	0.5378	+0.2687	+52 −34	4.5
47 B. Arietis	6.5	+17 43.4	12 22 46.8	+4 8.6	+0.5264	0.5425	+0.1937	+77 − 7	7.7
ε Arietis (m.)	4.6	+21 5.1	13 22 0.3	+2 34.6	+0.9962	0.5502	+0.1497	+90 +26	8.7
16 Tauri	5.4	+24 5.4	14 18 5.8	−2 2.1	+0.3715	0.5561	+0.1053	+66 − 5	9.6
17 Tauri	3.8	+23 54.8	14 18 7.8	−2 0.2	+0.5633	0.5561	+0.1052	+82 + 5	9.6
q Tauri	4.4	+24 16.1	14 18 16.2	−1 52.0	+0.1987	0.5562	+0.1049	+55 −14	9.6
20 Tauri	4.0	+24 10.2	14 18 32.6	−1 36.3	+0.3330	0.5562	+0.1042	+64 − 7	9.6
21 Tauri	5.8	+24 21.4	14 18 34.5	−1 34.4	+0.1363	0.5562	+0.1042	+51 −17	9.6
22 Tauri	6.5	+24 19.8	14 18 38.2	−1 30.8	+0.1711	0.5562	+0.1040	+53 −16	9.6
23 Tauri	4.2	+23 45.0	14 18 45.9	−1 23.4	+0.8046	0.5563	+0.1037	+90 +18	9.6
η Tauri	3.0	+23 54.5	14 19 16.2	−0 54.2	+0.6873	0.5564	+0.1025	+90 +12	9.6
27 Tauri	3.8	+23 51.6	14 20 0.2	−0 11.7	+0.8150	0.5565	+0.1008	+90 +20	9.6
28 Tauri	5.2	+23 56.6	14 20 0.8	−0 11.2	+0.7266	0.5565	+0.1008	+90 +14	9.6
125 Tauri	5.0	+25 51.8	16 19 58.2	−1 56.3	+0.6846	0.5579	−0.0179	+90 +20	11.6
139 Tauri	4.9	+25 56.9	17 3 58.5	+5 47.1	+0.3708	0.5559	−0.0376	+67 + 1	12.0
58 Geminorum	6.0	+23 4.3	18 18 45.6	−4 45.0	+0.3441	0.5391	−0.1240	+64 − 9	13.6
o^1 Cancri	5.2	+15 34.3	20 17 9.7	−7 47.4	+1.0497	0.5126	−0.1977	+90 +23	15.5
o^2 Cancri	5.6	+15 49.8	20 17 20.1	−7 37.3	+0.7282	0.5125	−0.1979	+90 + 2	15.5
83 B. Leonis	5.9	+ 9 14.4	22 0 53.2	−0 58.0	+1.2952	0.4982	−0.2277	+90 +39	16.8
p^5 Leonis	5.4	+ 0 16.9	23 20 13.0	−6 48.6	+0.9038	0.4900	−0.2447	+90 + 5	18.6
388 B. Leonis	6.3	− 1 20.7	24 4 11.7	+0 57.4	+0.7478	0.4903	−0.2450	+89 − 4	19.0
370 B. Virginis	6.0	−11 18.0	26 3 41.2	−0 51.6	+0.3099	0.5050	−0.2282	+57 −26	21.0
Februar									
	m	° ′	d h m	h m				° °	d
22 Piscium	5.8	+ 2 34.2	6 15 55.4	+1 10.2	+1.0615	0.5459	+0.2698	+90 +16	3.0
μ Arietis	5.7	+19 44.3	9 20 47.5	+3 24.8	+1.1944	0.5530	+0.1663	+90 +40	6.2
16 Tauri	5.4	+24 5.4	10 23 59.1	+5 38.6	+0.3432	0.5581	+0.1056	+64 − 7	7.3
17 Tauri	3.8	+23 54.8	11 0 1.1	+5 40.6	+0.5337	0.5581	+0.1055	+80 + 3	7.3
q Tauri	4.4	+24 16.1	11 0 9.5	+5 48.7	+0.1716	0.5581	+0.1052	+53 −16	7.3
20 Tauri	4.0	+24 10.1	11 0 25.6	+6 4.2	+0.3050	0.5581	+0.1045	+62 − 9	7.3
21 Tauri	5.8	+24 21.4	11 0 27.6	+6 6.1	+0.1098	0.5581	+0.1044	+49 −19	7.3
23 Tauri	4.2	+23 45.0	11 0 38.9	+6 17.0	+0.7732	0.5582	+0.1040	+90 +17	7.3
η Tauri	3.0	+23 54.5	11 1 8.8	+6 45.9	+0.6568	0.5582	+0.1028	+90 +10	7.3
χ Tauri	5.4	+25 28.8	11 16 16.5	−2 39.0	+0.2612	0.5594	+0.0659	+59 − 7	8.0
125 Tauri	5.0	+25 51.9	13 1 42.4	+5 35.4	+0.6595	0.5556	−0.0177	+90 +18	9.4
58 Geminorum	6.0	+23 4.3	15 0 45.6	+3 2.4	+0.3311	0.5363	−0.1230	+63 −10	11.3
o^1 Cancri	5.2	+15 34.3	16 23 22.9	+0 13.3	+1.0592	0.5120	−0.1969	+90 +23	13.3
o^2 Cancri	5.6	+15 49.8	16 23 33.3	+0 23.4	+0.7375	0.5120	−0.1971	+90 + 3	13.3
p^5 Leonis	5.4	+ 0 16.8	20 2 17.6	+1 3.5	+0.9664	0.4924	−0.2451	+90 +10	16.4
q Virginis	5.4	− 9 5.9	21 22 42.0	−3 44.8	+0.5450	0.5009	−0.2349	+73 −14	18.2
69 Virginis	4.9	−15 38.5	23 2 57.4	−0 18.3	+1.3386	0.5147	−0.2124	+73 +47	19.4
π Scorpii	3.0	−25 55.8	26 1 0.5	−4 34.6	+1.0978	0.5663	−0.0922	+65 +26	22.3

Partielle Sonnenfinsternis

1935 Februar 3

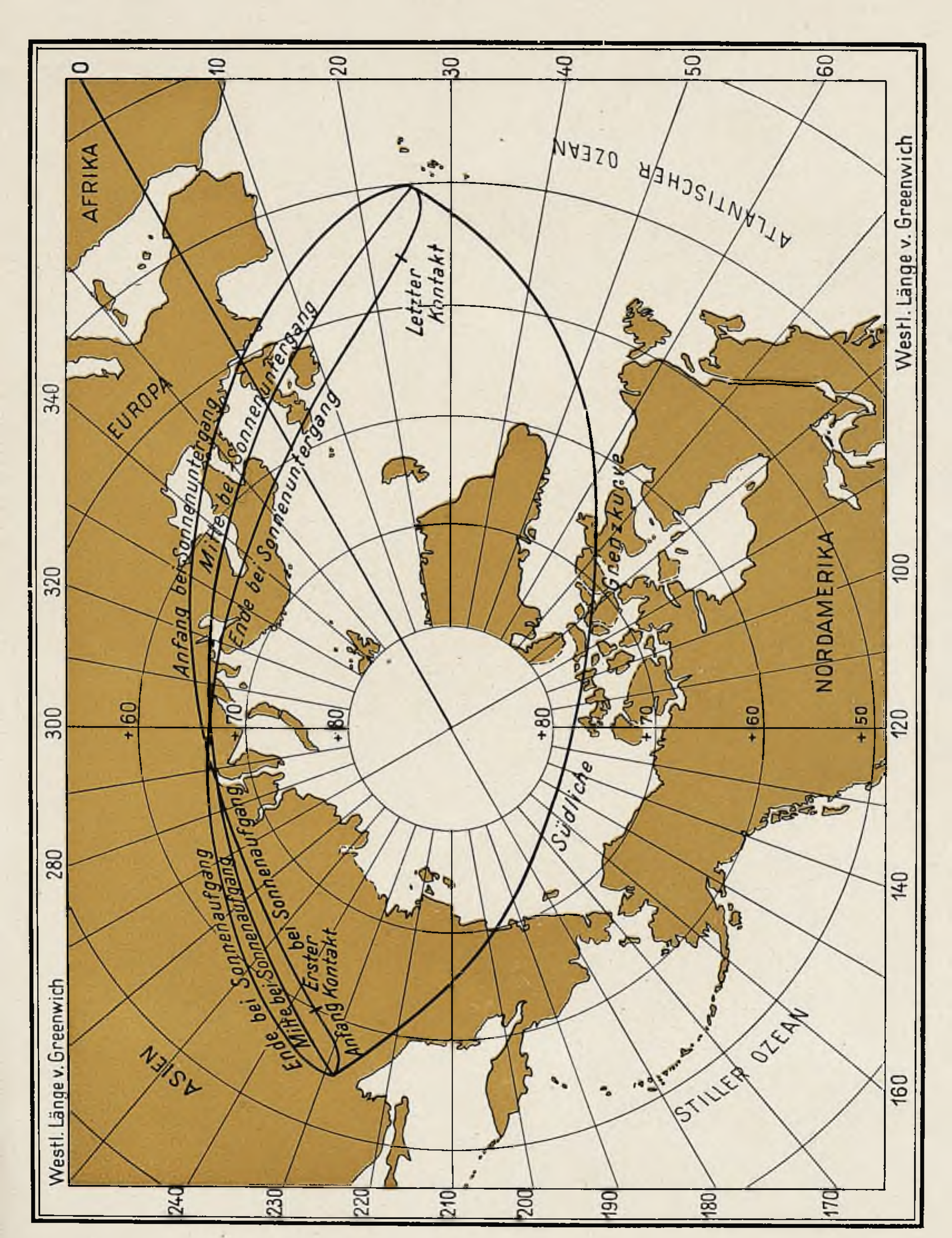


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Partielle Sonnenfinsternis

1935 Juni 30

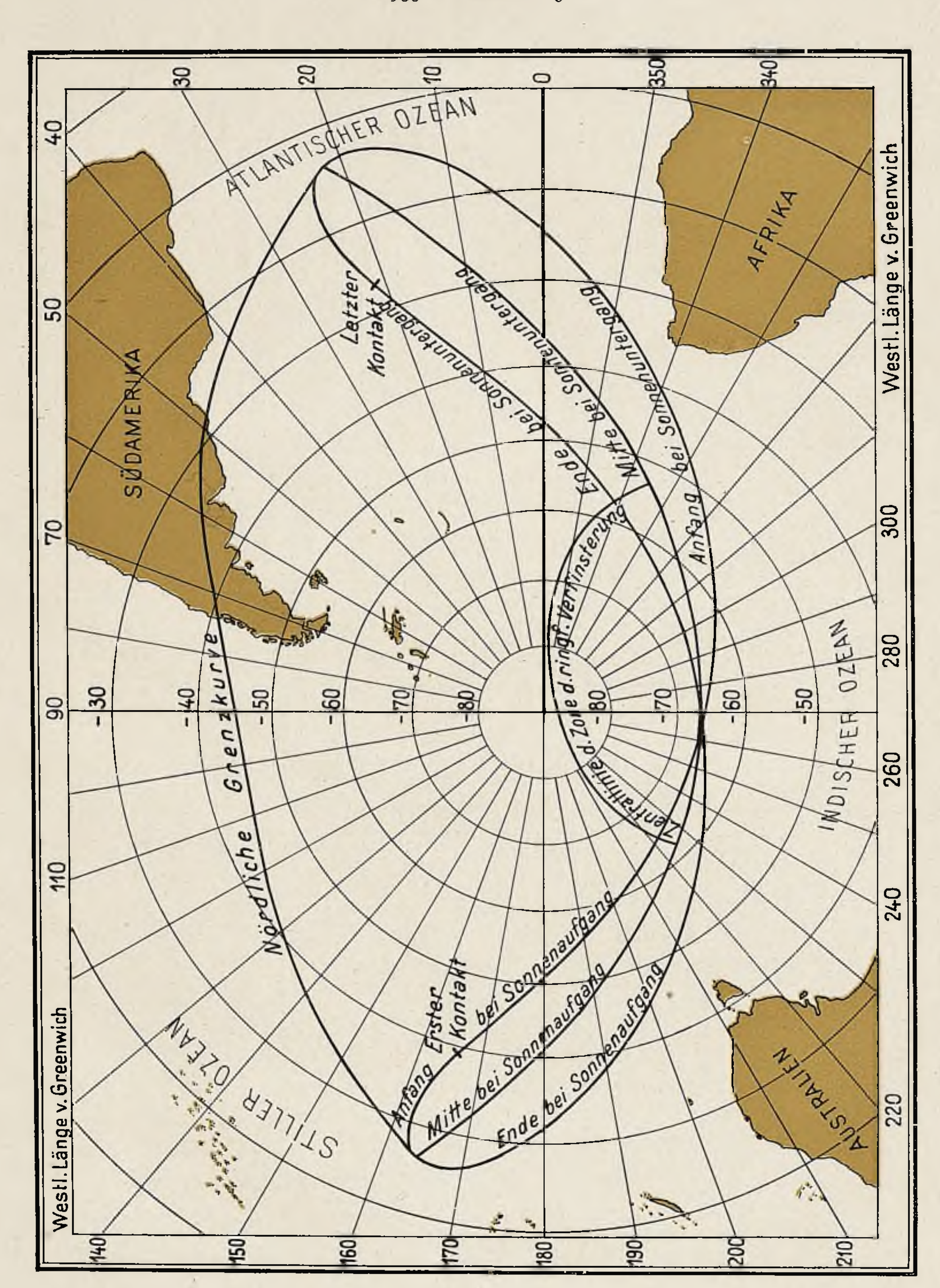


Zu Seite 282*



Ringförmige Sonnenfinsternis

1935 Dezember 25



Zu Seite 286*



Elemente der in Mitteleuropa sichtbaren Sternbedeckungen

Stern			Konjunktion in Rektaszension					Grenzen der Sichtbarkeit in geogr. Br.	Alter d. Mondes
Name	Gr.	δ app.	Welt-Zeit	Stundenw. H	Y	x′	y′		
Februar									
	m	° ′	d h m	h m				° °	d
48 B. Scorpii	5.1	−25 41.3	26 2 53.8	−2 45.5	+0.6714	0.5677	−0.0876	+62 − 4	22.4
65 B. Scorpii	5.6	−26 9.3	26 4 53.0	−0 50.8	+0.9924	0.5691	−0.0828	+64 +17	22.5
März									
	m	° ′	d h m	h m				° °	d
139 Tauri	4.9	+25 57.0	12 16 13.5	−2 23.0	+0.1775	0.5557	−0.0369	+54 − 9	7.6
87 B. Geminorum	5.8	+23 40.8	13 16 23.6	−3 3.0	+1.0805	0.5439	−0.0922	+90 +38	8.6
217 B. Geminorum	6.3	+19 59.7	15 1 2.1	+4 31.9	+1.0832	0.5255	−0.1541	+90 +31	9.9
ϑ Cancri	5.6	+18 18.8	15 16 26.9	−4 31.6	+0.3842	0.5172	−0.1777	+66 −13	10.6
b Scorpii	4.8	−25 33.5	25 3 20.0	−0 20.4	+1.2514	0.5625	−0.0992	+65 +46	20.0
A Scorpii	4.7	−25 8.2	25 4 28.0	+0 45.0	+0.6939	0.5632	−0.0965	+64 − 3	20.1
3 Scorpii	5.9	−25 3.3	25 4 54.8	+1 10.9	+0.5640	0.5635	−0.0955	+56 −11	20.1
4 G. Sagittarii	6.2	−26 57.3	27 3 35.4	−1 54.4	+0.8919	0.5820	+0.0280	+64 +11	22.0
April									
	m	° ′	d h m	h m				° °	d
17 Tauri	3.8	+23 54.7	6 17 0.0	+2 15.2	+0.1380	0.5758	+0.1073	+51 −17	3.2
23 Tauri	4.2	+23 45.0	6 17 35.7	+2 49.6	+0.3705	0.5758	+0.1057	+66 − 5	3.2
η Tauri	3.0	+23 54.5	6 18 4.1	+3 16.9	+0.2563	0.5758	+0.1045	+58 −11	3.3
104 B. Tauri	5.5	+23 13.5	6 18 25.7	+3 37.7	+1.0010	0.5758	+0.1036	+90 +32	3.3
27 Tauri	3.8	+23 51.5	6 18 45.4	+3 56.6	+0.3789	0.5759	+0.1027	+66 − 4	3.3
28 Tauri	5.2	+23 56.5	6 18 45.9	+3 57.1	+0.2933	0.5759	+0.1027	+60 − 9	3.3
k Tauri	5.6	+24 57.2	7 23 4.9	+7 11.9	+1.0986	0.5725	+0.0274	+90 +46	4.5
87 B. Geminorum	5.8	+23 40.8	9 23 57.9	+6 19.0	+0.7988	0.5484	−0.0928	+90 +19	6.5
d^1 Cancri	5.9	+18 32.5	11 19 25.1	+0 21.7	+0.5940	0.5203	−0.1710	+83 − 2	8.3
ϑ Cancri	5.6	+18 18.8	11 23 33.9	+4 23.0	+0.1233	0.5179	−0.1769	+49 −27	8.5
83 B. Leonis	5.9	+ 9 14.3	13 20 29.4	+0 0.8	+1.0622	0.4982	−0.2236	+90 +19	10.4
388 B. Leonis	6.3	− 1 20.8	15 23 24.0	+1 32.1	+0.7514	0.4955	−0.2425	+89 − 3	12.5
153 B. Librae	6.3	−24 16.4	21 1 21.9	−0 14.7	+0.8939	0.5627	−0.1157	+66 +10	17.6
α Scorpii	1.2	−26 17.5	22 1 0.5	−1 28.3	+0.9425	0.5755	−0.0582	+64 +14	18.5
116 B. Scorpii	6.2	−26 24.0	22 1 49.2	−0 41.4	+1.0096	0.5759	−0.0561	+64 +20	18.6
ϑ Aquarii	4.3	− 8 6.4	28 2 48.8	−5 4.1	+0.3470	0.5462	+0.2534	+60 −24	24.6
ρ Aquarii	5.4	− 8 8.8	28 4 21.1	−3 34.8	+0.7790	0.5459	+0.2546	+82 − 1	24.7
Mai									
	m	° ′	d h m	h m				° °	d
118 Tauri	5.4	+25 6.1	5 21 18.9	+6 44.9	+0.8599	0.5744	−0.0083	+90 +31	3.0
δ Geminorum	3.5	+22 6.2	7 21 19.8	+5 2.7	+0.8638	0.5451	−0.1209	+90 +20	5.0
o^1 Cancri	5.2	+15 34.3	9 20 42.9	+2 56.2	+0.4005	0.5126	−0.1941	+67 −15	7.0
155 B. Leonis	6.5	+ 6 1.3	11 19 8.9	+0 3.6	+0.9605	0.4944	−0.2313	+90 +11	8.9
p^5 Leonis	5.4	+ 0 16.8	12 23 23.9	+3 32.7	+0.6268	0.4931	−0.2396	+83 −10	10.1
q Virginis	5.4	− 9 6.0	14 19 17.2	−1 46.9	+0.4837	0.5064	−0.2310	+69 −17	11.9
36 Ophiuchi pr.	5.3	−26 30.7	20 2 10.7	+0 46.5	+0.6751	0.5882	−0.0061	+59 − 3	17.2
λ Piscium	4.6	+ 1 25.5	27 0 32.3	−6 51.8	+1.2800	0.5382	+0.2596	+90 +36	24.1
Juni									
	m	° ′	d h m	h m				° °	d
126 B. Sagittarii	5.8	−25 4.7	17 21 11.3	−3 48.8	+0.8093	0.5932	+0.0956	+65 + 5	16.6
94 B. Capricorni	6.0	−16 16.7	20 3 12.7	+0 8.3	+0.6449	0.5650	+0.2152	+72 − 7	18.8
λ Capricorni	5.4	−11 39.8	21 0 37.4	−3 12.6	+0.9316	0.5527	+0.2423	+79 + 9	19.7
ϰ Piscium	4.9	+ 0 54.2	22 22 54.6	−6 28.3	+0.1233	0.5383	+0.2607	+49 −35	21.7
16 Piscium	5.6	+ 1 44.7	23 3 21.5	−2 10.1	+0.4302	0.5380	+0.2598	+68 −20	21.8
36 Tauri	5.7	+23 55.8	28 2 33.5	−7 6.0	+0.7722	0.5732	+0.0808	+90 +10	26.8

Sternbedeckungen 1935

Elemente der in Mitteleuropa sichtbaren Sternbedeckungen

Stern			Konjunktion in Rektaszension					Grenzen der Sichtbarkeit in geogr. Br.	Alter d. Mondes
Name	Gr.	δ app.	Welt-Zeit	Stundenw. H	Y	x′	y′		
Juli									
	m	° ′	d h m	d m				° °	d
83 B. Leonis	5.9	+ 9 14.4	4 20 16.7	+5 11.3	+0.4216	0.5006	−0.2242	+67 −18	4.0
36 Ophiuchi pr.	5.3	−26 30.7	13 20 16.7	−1 31.6	+0.6596	0.5918	−0.0039	+57 − 4	13.0
λ Sagittarii	2.9	−25 27.6	15 0 16.3	+1 19.9	+0.6206	0.5970	+0.0781	+58 − 7	14.2
ϑ Aquarii	4.3	− 8 6.1	18 21 48.2	−4 42.2	+0.7827	0.5554	+0.2576	+82 − 1	18.1
ρ Aquarii	5.4	− 8 8.6	18 23 17.9	−3 15.6	+1.2092	0.5547	+0.2585	+82 +29	18.2
170 B. Aquarii	6.1	− 7 31.1	19 0 47.1	−1 49.5	+0.9748	0.5541	+0.2594	+83 +11	18.2
23 Tauri	4.2	+23 45.0	25 0 37.8	−6 57.5	+0.3050	0.5678	+0.0986	+61 − 8	24.2
η Tauri	3.0	+23 54.5	25 1 7.0	−6 29.4	+0.1864	0.5679	+0.0974	+53 −14	24.2
104 B. Tauri	5.5	+23 13.5	25 1 29.2	−6 8.0	+0.9395	0.5680	+0.0965	+90 +28	24.3
27 Tauri	3.8	+23 51.5	25 1 49.5	−5 48.5	+0.3067	0.5680	+0.0957	+61 − 8	24.3
28 Tauri	5.2	+23 56.5	25 1 50.0	−5 47.9	+0.2199	0.5680	+0.0957	+56 −12	24.3
August									
	m	° ′	d h m	d m				° °	d
A Scorpii	4.7	−25 8.3	8 20 24.7	+1 40.6	+0.9137	0.5631	−0.0903	+65 +12	9.5
3 Scorpii	5.9	−25 3.4	8 20 51.5	+2 6.4	+0.7866	0.5634	−0.0893	+65 + 3	9.5
94 B. Capricorni	6.0	−16 16.7	13 22 1.9	−1 26.6	+0.6487	0.5768	+0.2194	+72 − 7	14.5
λ Piscium	4.6	+ 1 25.7	16 20 55.6	−5 5.9	+1.3793	0.5549	+0.2665	+79 +50	17.5
19 Piscium	5.3	+ 3 8.0	16 22 51.1	−3 14.4	+0.2121	0.5548	+0.2658	+54 −31	17.6
136 B. Piscium	6.5	+ 9 0.4	17 23 8.0	−3 48.3	+0.6607	0.5554	+0.2476	+87 − 5	18.6
101 Piscium	6.2	+14 20.1	18 23 1.5	−4 45.4	+0.8913	0.5595	+0.2156	+90 +12	18.6
μ Arietis	5.7	+19 44.4	20 3 32.5	−1 16.1	+0.8259	0.5661	+0.1616	+90 +14	20.7
66 Arietis	6.1	+22 35.1	20 22 53.7	−6 37.6	+0.6076	0.5696	+0.1174	+86 + 6	21.6
118 Tauri	5.4	+25 6.1	23 1 25.0	−5 58.7	+0.7092	0.5661	−0.0108	+90 +22	23.7
δ Geminorum	3.5	+22 6.2	25 2 21.7	−6 44.9	+0.6031	0.5432	−0.1219	+85 + 5	25.7
September									
	m	° ′	d h m	d m				° °	d
α Scorpii	1.2	−26 17.6	5 19 11.1	+1 41.4	+1.2225	0.5656	−0.0532	+64 +44	7.8
λ Sagittarii	2.9	−25 27.6	7 19 47.7	+0 27.5	+0.8102	0.5822	+0.0749	+65 + 5	9.8
12 Capricorni	6.1	−18 47.8	9 21 13.9	−0 0.4	+0.8576	0.5758	+0.1945	+72 + 6	11.9
ϑ Aquarii	4.3	− 8 6.1	11 18 25.6	−4 28.5	+0.7436	0.5641	+0.2587	+82 − 3	13.8
ρ Aquarii	5.4	− 8 8.5	11 19 52.8	−3 4.4	+1.1599	0.5638	+0.2598	+82 +25	13.8
20 H.[1] Arietis	6.4	+16 55.6	15 22 9.0	−4 21.1	+1.0262	0.5736	+0.1925	+90 +24	17.9
36 Tauri	5.7	+23 55.9	17 21 1.0	−7 16.1	+0.4731	0.5791	+0.0811	+73 + 3	19.9
5 Geminorum	5.9	+24 26.2	20 1 43.0	−4 32.5	+0.6077	0.5621	−0.0550	+87 +12	22.1
44 Geminorum	5.9	+22 44.2	21 1 29.6	−5 35.9	+0.4958	0.5477	−0.1075	+75 + 1	23.1
85 Geminorum	5.4	+20 3.3	22 1 4.0	−6 48.0	+0.3541	0.5324	−0.1507	+64 −12	24.0
54 Cancri	6.3	+15 35.5	23 4 40.1	−4 2.9	+0.5388	0.5161	−0.1894	+77 − 7	25.2
ξ Leonis	5.1	+11 35.2	24 2 11.2	−7 9.4	+0.6462	0.5059	−0.2111	+86 − 4	26.1
Oktober									
	m	° ′	d h m	d m				° °	d
118 B. Ophiuchi	6.2	−26 25.8	3 17 10.3	+0 53.3	+1.0976	0.5684	−0.0131	+64 +29	6.0
94 B. Capricorni	6.0	−16 16.7	7 18 8.8	−1 43.5	+0.9375	0.5627	+0.2106	+74 +11	10.1
96 B. Aquarii	6.5	−10 36.7	8 18 33.9	−2 10.4	+0.8340	0.5582	+0.2436	+80 + 3	11.1
6 G. Piscium	6.2	− 2 44.2	9 23 7.7	+1 23.3	+0.3297	0.5573	+0.2634	+60 −24	12.3
16 Piscium	5.6	+ 1 45.0	10 15 55.4	−6 24.5	+0.3627	0.5594	+0.2645	+63 −23	13.0
λ Piscium	4.6	+ 1 25.8	10 18 24.1	−4 1.0	+1.3309	0.5600	+0.2640	+87 +43	13.1
19 Piscium	5.3	+ 3 8.1	10 20 18.0	−2 11.2	+0.1591	0.5604	+0.2635	+51 −33	13.1

Sternbedeckungen 1935

Elemente der in Mitteleuropa sichtbaren Sternbedeckungen

Stern			Konjunktion in Rektaszension					Grenzen der Sichtbarkeit in geogr. Br.	Alter d. Mondes
Name	Gr.	δ app.	Welt-Zeit	Stundenw. H	Y	x′	y′		
Oktober									
	m	° ′	d h m	h m				° °	d
22 Piscium	5.8	+ 2 34.6	10 22 43.8	+0 9.5	+1.3452	0.5609	+0.2627	+84 +45	13.2
μ Arietis	5.7	+19 44.5	13 21 53.7	−3 18.9	+0.4493	0.5854	+0.1640	+70 − 6	16.2
47 Arietis	5.8	+20 24.9	14 4 9.0	+2 41.7	+0.7573	0.5870	+0.1492	+90 +12	16.5
ε Arietis (m.)	4.6	+21 5.3	14 4 36.0	+3 7.6	+0.1505	0.5871	+0.1481	+50 −20	16.5
104 B. Tauri	5.5	+23 13.7	14 23 59.2	−2 15.0	+0.3921	0.5895	+0.0982	+67 − 3	17.3
33 Tauri	6.0	+22 59.6	15 3 25.3	+1 3.0	+0.9534	0.5895	+0.0889	+90 +30	17.4
315 B. Tauri	6.3	+24 29.6	16 2 48.7	−0 28.8	+0.7591	0.5853	+0.0244	+90 +24	18.4
k Tauri	5.6	+24 57.3	16 3 33.7	+0 14.4	+0.3000	0.5850	+0.0224	+60 − 1	18.4
132 Tauri	5.0	+24 32.9	17 0 10.0	−3 56.8	+0.6175	0.5755	−0.0326	+88 +15	19.3
412 B. Tauri	6.0	+24 14.6	17 3 26.7	−0 47.5	+0.8192	0.5736	−0.0410	+90 +26	19.4
79 Geminorum	6.3	+20 28.3	19 3 3.5	−2 51.2	+0.3399	0.5394	−0.1427	+62 −11	21.4
e Leonis	5.1	− 2 38.9	24 2 24.2	−6 56.5	+1.3235	0.4951	−0.2335	+86 +42	26.4
November									
	m	° ′	d h m	h m				° °	d
22 B. Piscium	6.5	− 0 3.5	6 19 29.6	−0 50.4	+0.8291	0.5495	+0.2584	+90 + 3	10.4
κ Piscium	4.9	+ 0 54.4	6 21 2.2	+0 39.1	+0.2649	0.5497	+0.2584	+56 −28	10.5
9 Piscium	6.4	+ 0 46.4	6 21 10.8	+0 47.4	+0.4359	0.5497	+0.2584	+68 −19	10.5
16 Piscium	5.6	+ 1 45.0	7 1 19.5	+4 47.7	+0.5328	0.5507	+0.2580	+75 −14	10.7
ζ Arietis	5.0	+20 48.7	10 21 28.9	−2 25.9	+1.2195	0.5913	+0.1308	+90 +49	14.5
36 Tauri	5.7	+23 56.0	11 16 45.9	−7 55.0	+0.1114	0.5947	+0.0796	+48 −16	15.3
103 Tauri	5.5	+24 11.0	12 17 37.7	−8 2.9	+0.9785	0.5910	+0.0098	+90 +39	16.3
8 Geminorum	6.1	+23 59.6	13 21 2.6	−5 41.7	+0.4391	0.5766	−0.0632	+70 + 2	17.5
9 Geminorum	6.3	+23 45.9	13 21 19.1	−5 25.8	+0.6601	0.5763	−0.0639	+90 +14	17.5
36 B. Geminorum	6.0	+23 21.9	14 0 52.8	−2 0.1	+0.8371	0.5739	−0.0726	+90 +24	17.6
ζ^1 Cancri	5.1	+17 50.5	16 0 22.0	−4 10.0	+0.9170	0.5356	−0.1653	+90 +19	19.6
75 Virginis	5.6	−15 2.0	23 4 1.2	−5 23.5	+0.2977	0.5195	−0.1950	+52 −25	26.8
π Capricorni	5.2	−18 25.4	30 17 6.1	+1 17.0	+1.0086	0.5591	+0.1856	+72 +17	4.6
ρ Capricorni	5.0	−18 1.6	30 17 47.0	+1 56.5	+0.7278	0.5587	+0.1868	+72 − 1	4.6
Dezember									
	m	° ′	d h m	h m				° °	d
18 Aquarii	5.5	−13 9.2	1 18 36.3	+1 54.4	+0.8302	0.5486	+0.2223	+77 + 4	5.7
μ Arietis	5.7	+19 44.6	7 17 49.4	−3 47.1	+0.4628	0.5796	+0.1579	+71 − 5	11.6
47 Arietis	5.8	+20 25.0	8 0 12.5	+2 21.4	+0.7448	0.5828	+0.1437	+90 +12	11.9
ε Arietis (m.)	4.6	+21 5.3	8 0 40.0	+2 47.8	+0.1292	0.5830	+0.1426	+49 −21	11.9
104 B. Tauri	5.5	+23 13.7	8 20 16.0	−2 22.0	+0.2874	0.5902	+0.0942	+59 − 8	12.7
33 Tauri	6.0	+22 59.6	8 23 42.6	+0 56.5	+0.8360	0.5911	+0.0851	+90 +23	12.9
36 Tauri	5.7	+23 56.0	9 2 34.4	+3 41.5	+0.1102	0.5917	+0.0774	+48 −16	13.0
103 Tauri	5.5	+24 11.0	10 3 37.0	+3 44.6	+0.9351	0.5912	+0.0081	+90 +36	14.1
132 Tauri	5.0	+24 32.9	10 19 53.1	−4 37.6	+0.3308	0.5857	−0.0363	+62 − 1	14.7
412 B. Tauri	6.0	+24 14.6	10 23 4.8	−1 33.2	+0.5199	0.5842	−0.0447	+77 + 9	14.9
209 B. Geminorum	6.1	+19 29.4	13 0 17.2	−2 8.0	+0.5006	0.5488	−0.1528	+74 − 4	16.9
o Leonis	3.8	+10 11.0	15 6 8.3	+2 2.4	+0.4009	0.5098	−0.2157	+65 −18	19.2
55 Leonis	6.0	+ 1 4.6	16 22 46.7	−6 27.2	+1.2588	0.4951	−0.2312	+90 +35	20.8
p^3 Leonis	6.2	+ 0 20.6	17 3 11.7	−2 9.3	+1.0483	0.4944	−0.2315	+90 +17	21.0
13 B. Virginis	5.8	− 4 58.7	18 5 43.3	−0 20.9	+0.8150	0.4948	−0.2284	+86 + 2	22.1
31 B. Scorpii	5.4	−24 20.6	23 6 39.4	−3 7.2	+0.6546	0.5639	−0.0840	+62 − 4	27.2
19 Piscium	5.3	+ 3 8.0	31 18 14.0	+1 7.8	+0.6079	0.5423	+0.2513	+81 − 9	6.1

Sternbedeckungen 1935

Ein- und Austritte für Berlin-Babelsberg

Tag		Stern	Größe	Phase	Welt-Zeit	P	a	b	Alter des Mondes
1935			m		h m	°	m	m	d
Jan.	8	186 B. Aquarii	6.2	E.	18 9	56	—0.5	—0.4	3.6
	12	47 B. Arietis	6.5	E.	23 25.5	72	—0.2	—1.1	7.8
	14	17 Tauri	3.8	E.	17 3	76	—1.1	+1.4	9.5
	14	16 Tauri	5.4	E.	17 15.5	36	—0.6	+2.7	9.5
	14	20 Tauri	4.0	E.	17 52	35	—0.8	+2.7	9.5
	14	η Tauri	3.0	E.	18 41	123	—2.0	—1.5	9.6
	14	η Tauri	3.0	A.	19 34	207	—1.1	+3.0	9.6
	14	28 Tauri	5.2	E.	20 1	156	—	—	9.6
	16	125 Tauri	5.0	E.	19 11	146	—1.9	—2.3	11.6
	24	388 B. Leonis	6.3	A.	5 5.5	352	—0.3	—2.5	19.0
Febr.	13	125 Tauri	5.0	E.	2 20	60	+0.1	—0.9	9.4
	20	p^5 Leonis	5.4	A.	3 41.5	307	—0.7	—2.0	16.5
	21	q Virginis	5.4	A.	22 10.5	309	—0.6	+0.4	18.2
März	15	217 B. Geminorum	6.3	E.	1 51	139	+0.4	—1.9	10.0
	25	b Scorpii	4.8	A.	3 54	212	—	—	20.1
	27	4 G. Sagittarii	6.2	A.	3 49.5	286	—1.4	+0.3	22.1
April	6	23 Tauri	4.2	E.	18 12	48	—0.9	—0.2	3.3
	6	27 Tauri	3.8	E.	19 34	30	—0.8	+0.4	3.3
	11	d^1 Cancri	5.9	E.	19 13.5	104	—1.5	—1.1	8.3
	13	83 B. Leonis	5.9	E.	20 57.5	184	—	—	10.4
	15	388 B. Leonis	6.3	E.	23 43	62	—1.9	—0.8	12.5
	21	153 B. Librae	6.3	A.	2 10	304	—1.4	—1.0	17.6
	22	α Scorpii	1.2	A.	1 25	283	—1.5	0.0	18.6
	22	116 B. Scorpii	6.2	A.	2 32.5	270	—1.5	—0.5	18.6
Mai	7	δ Geminorum	3.5	E.	21 56.5	96	+0.2	—1.5	5.0
Juni	21	λ Capricorni	5.4	A.	0 26	266	—1.2	+1.2	19.7
	28	36 Tauri	5.7	A.	1 59	280	+0.2	+1.2	26.8
Juli	18	ρ Aquarii	5.4	A.	22 47.5	210	—0.7	+1.8	18.1
	19	170 B. Aquarii	6.1	A.	0 57.5	234	—1.1	+0.9	18.2
	25	104 B. Tauri	5.5	A.	0 48.5	236	+0.2	+1.8	24.2
Aug.	17	136 B. Piscium	6.5	A.	22 38.5	311	—	—	18.5
	18	101 Piscium	6.2	A.	22 29.5	254	—0.4	+1.7	19.5
	23	118 Tauri	5.4	A.	0 49	265	—0.1	+1.6	23.6
	25	δ Geminorum	3.5	A.	1 43.5	287	0.0	+1.1	25.7
Sept.	7	λ Sagittarii	2.9	E.	19 45.5	56	—1.1	—0.2	9.8
	9	12 Capricorni	6.1	E.	20 59.5	62	—1.2	+0.1	11.9
	11	ρ Aquarii	5.4	E.	18 32	85	—0.8	+1.5	13.8
	15	20 $H.^1$ Arietis	6.4	A.	21 28.5	215	—0.1	+2.2	17.9
	20	5 Geminorum	5.9	A.	1 14	263	—0.6	+1.7	22.1

Ein- und Austritte für Berlin-Babelsberg

Tag	Stern	Größe	Phase	Welt-Zeit	P	a	b	Alter des Mondes
1935		m		h m	°	m	m	d
Sept. 21	44 Geminorum	5.9	A.	0 50.5	297	—0.4	+0.9	23.0
Okt. 3	118 B. Ophiuchi	6.2	E.	17 16.5	124	—1.6	—1.3	6.0
7	94 B. Capricorni	6.0	E.	17 16.5	55	—1.1	+1.2	10.0
8	96 B. Aquarii	6.5	E.	17 44.5	30	—0.8	+1.6	11.0
9	6 G. Piscium	6.2	E.	23 54.5	0	+0.1	+2.2	12.3
10	λ Piscium	4.6	E.	17 3	135	—	—	13.0
15	104 B. Tauri	5.5	A.	0 4.5	291	—1.6	—0.2	17.3
16	*k* Tauri	5.6	A.	4 26.5	309	—1.0	—2.5	18.5
16	132 Tauri	5.0	A.	23 47.5	255	—0.7	+1.8	19.3
19	79 Geminorum	6.3	A.	2 48	313	—1.3	—0.6	21.4
Nov. 6	22 B. Piscium	6.5	E.	18 52.5	64	—1.2	+0.8	10.4
6	9 Piscium	6.4	E.	21 33	23	—0.6	+1.1	10.5
13	8 Geminorum	6.1	A.	20 18	320	—0.7	+0.2	17.4
13	9 Geminorum	6.3	A.	20 45.5	264	—0.2	+1.6	17.5
30	π Capricorni	5.2	E.	17 19.5	122	—2.0	—2.5	4.6
Dez. 1	18 Aquarii	5.5	E.	18 55	98	—1.1	—1.6	5.7
8	47 Arietis	5.8	E.	0 47	139	—0.4	—4.0	11.9
8	104 B. Tauri	5.5	E.	19 48.5	354	—	—	12.7
13	209 B. Geminorum	6.1	A.	0 27	285	—1.5	0.0	16.9
31	19 Piscium	5.3	E.	18 22.5	65	—1.1	—0.2	6.1

Ein- und Austritte für Königsberg

Tag	Stern	Größe	Phase	Welt-Zeit	P	a	b	Alter des Mondes
1935		m		h m	°	m	m	d
Jan. 12	47 B. Arietis	6.5	E.	23 24.5	61	—0.1	—0.9	7.8
14	17 Tauri	3.8	E.	17 15	78	—1.2	+1.2	9.5
14	16 Tauri	5.4	E.	17 26.5	37	—0.8	+2.5	9.5
14	20 Tauri	4.0	E.	18 4.5	35	—0.9	+2.6	9.6
14	η Tauri	3.0	E.	18 51.5	120	—1.8	—1.5	9.6
14	η Tauri	3.0	A.	19 49	214	—1.3	+2.1	9.6
14	28 Tauri	5.2	E.	20 1	140	—	—	9.6
16	125 Tauri	5.0	E.	19 19.5	139	—1.6	—1.8	11.6
24	388 B. Leonis	6.3	A.	5 0.5	5	—	—	19.0
Febr. 11	χ Tauri	5.4	E.	15 55.5	350	—	—	8.0
17	o^1 Cancri	5.2	E.	0 4	185	—	—	13.3
20	p^5 Leonis	5.4	A.	3 41	313	—0.5	—2.0	16.5
21	*q* Virginis	5.4	A.	22 14.5	323	—0.5	—0.1	18.2
März 15	217 B. Geminorum	6.3	E.	1 44	132	+0.4	—1.8	10.0
April 6	23 Tauri	4.2	E.	18 19	32	—0.9	+0.4	3.3

Sternbedeckungen 1935

Ein- und Austritte für Königsberg

Tag		Stern	Größe	Phase	Welt-Zeit	P	a	b	Alter des Mondes
1935			m		h m	°	m	m	d
April	11	d^1 Cancri	5.9	E.	19 22	90	−1.4	−1.0	8.3
	13	83 B. Leonis	5.9	E.	20 51.5	164	−0.3	−2.4	10.4
	15	388 B. Leonis	6.3	E.	23 57.5	41	—	—	12.5
Mai	7	δ Geminorum	3.5	E.	21 51.5	89	+0.2	−1.4	5.0
	11	155 B. Leonis	6.5	E.	19 12.5	135	−0.9	−1.7	8.9
Juni	21	λ Capricorni	5.4	A.	0 37.5	263	−1.2	+1.0	19.7
	28	36 Tauri	5.7	A.	2 1.5	277	0.0	+1.4	26.8
Juli	18	ϑ Aquarii	4.3	A.	21 12	323	—	—	18.1
	18	ρ Aquarii	5.4	A.	22 56	207	−0.6	+1.6	18.2
	19	170 B. Aquarii	6.1	A.	1 7	229	−1.0	+0.7	18.2
	25	104 B. Tauri	5.5	A.	0 51.5	232	+0.1	+2.0	24.2
Aug.	17	136 B. Piscium	6.5	A.	22 53.5	300	−1.7	+0.5	18.6
	18	101 Piscium	6.2	A.	22 37	250	−0.5	+1.7	19.5
	20	66 Arietis	6.1	A.	22 7.5	329	—	—	21.5
	23	118 Tauri	5.4	A.	0 54	263	−0.2	+1.7	23.6
	25	δ Geminorum	3.5	E.	0 49.5	87	+0.3	+1.5	25.6
	25	δ Geminorum	3.5	A.	1 46.5	286	−0.1	+1.2	25.7
Sept.	9	12 Capricorni	6.1	E.	21 7	67	−1.0	−0.3	11.9
	11	ρ Aquarii	5.4	E.	18 41.5	87	−1.0	+1.3	13.8
	15	20 H.[1] Arietis	6.4	A.	21 34	209	−0.1	+2.2	17.9
	20	5 Geminorum	5.9	A.	1 22.5	263	−0.7	+1.6	22.1
	21	44 Geminorum	5.9	A.	0 56	297	−0.6	+0.9	23.0
	21	85 Geminorum	5.4	A.	23 59	0	—	—	24.0
Okt.	7	94 B. Capricorni	6.0	E.	17 27.5	58	−1.1	+0.8	10.0
	8	96 B. Aquarii	6.5	E.	17 54	34	−0.8	+1.3	11.0
	9	6 G. Piscium	6.2	E.	23 59.5	358	+0.1	+2.4	12.3
	10	λ Piscium	4.6	E.	17 17	148	—	—	13.0
	15	104 B. Tauri	5.5	A.	0 15.5	292	−1.6	−0.6	17.3
	16	315 B. Tauri	6.3	A.	3 19	200	—	—	18.4
	16	k Tauri	5.6	A.	4 25.5	325	−0.5	−3.4	18.5
	16	132 Tauri	5.0	A.	23 57.5	256	−0.9	+1.7	19.3
	19	79 Geminorum	6.3	A.	2 55.5	324	−1.2	−1.4	21.4
Nov.	6	22 B. Piscium	6.5	E.	19 3.5	69	−1.2	+0.4	10.4
	6	9 Piscium	6.4	E.	21 39	24	−0.5	+0.8	10.5
	12	103 Tauri	5.5	A.	17 4.5	235	+0.5	+1.6	16.3
	13	8 Geminorum	6.1	A.	20 24	317	−0.8	+0.2	17.5
	13	9 Geminorum	6.3	A.	20 51.5	263	−0.4	+1.7	17.5
Dez.	7	μ Arietis	5.7	E.	17 10	352	—	—	11.6

Sternbedeckungen 1935

Ein- und Austritte für Königsberg

Tag	Stern	Größe	Phase	Welt-Zeit	P	a	b	Alter des Mondes
1935		m		h m	°	m	m	d
Dez. 8	47 Arietis	5.8	E.	0 42	122	—0.4	—2.6	11.9
8	104 B. Tauri	5.5	E.	19 58.5	356	—	—	12.7
13	209 B. Geminorum	6.1	A.	0 36.5	297	—1.3	—0.7	16.9
17	p^3 Leonis	6.2	A.	3 27	229	—	—	21.0
31	19 Piscium	5.3	E.	18 29	65	—0.9	—0.5	6.1

Ein- und Austritte für München

Tag	Stern	Größe	Phase	Welt-Zeit	P	a	b	Alter des Mondes
1935		m		h m	°	m	m	d
Jan. 2	π Scorpii	3.0	E.	6 42.5	119	—1.1	+0.3	26.6
8	186 B. Aquarii	6.2	E.	18 10.5	68	—0.7	—0.7	3.6
9	22 B. Piscium	6.5	E.	18 51.5	342	—	—	4.6
12	47 B. Arietis	6.5	E.	23 30.5	86	—0.2	—1.4	7.8
14	17 Tauri	3.8	E.	16 55.5	85	—1.3	+1.3	9.5
14	16 Tauri	5.4	E.	17 3.5	46	—0.8	+2.4	9.5
14	20 Tauri	4.0	E.	17 40	47	—1.0	+2.3	9.5
14	q Tauri	4.4	E.	17 49	357	—	—	9.5
14	22 Tauri	6.5	E.	18 19	359	—	—	9.6
14	η Tauri	3.0	E.	18 50.5	149	—	—	9.6
14	η Tauri	3.0	A.	19 12	179	—	—	9.6
24	388 B. Leonis	6.3	A.	5 15	345	—0.4	—2.5	19.0
Febr. 13	125 Tauri	5.0	E.	2 24.5	68	+0.1	—1.0	9.4
20	p^5 Leonis	5.4	A.	3 48.5	302	—0.8	—1.9	16.5
21	q Virginis	5.4	A.	22 7.5	295	—0.7	+0.7	18.2
26	48 B. Scorpii	5.1	A.	2 32.5	318	—0.7	+0.1	22.4
26	65 B. Scorpii	5.6	A.	5 32.5	274	—1.7	—0.3	22.5
März 15	217 B. Geminorum	6.3	E.	2 0	144	+0.5	—2.0	10.0
25	b Scorpii	4.8	A.	3 43	195	—	—	20.1
27	4 G. Sagittarii	6.2	A.	3 45.5	282	—1.6	+0.4	22.1
April 6	23 Tauri	4.2	E.	18 12.5	63	—0.8	—0.6	3.3
6	η Tauri	3.0	E.	19 1	22	—1.4	+1.7	3.3
6	η Tauri	3.0	A.	19 26.5	332	—	—	3.3
6	27 Tauri	3.8	E.	19 33.5	48	—0.6	—0.3	3.3
6	28 Tauri	5.2	E.	19 47.5	17	—	—	3.3
11	d^1 Cancri	5.9	E.	19 16.5	116	—1.5	—1.5	8.3
15	388 B. Leonis	6.3	E.	23 44.5	72	—1.9	—1.0	12.5
21	153 B. Librae	6.3	A.	2 12	300	—1.6	—1.0	17.6
22	α Scorpii	1.2	E.	0 4	103	—1.4	+0.6	18.5
22	α Scorpii	1.2	A.	1 22.5	278	—1.7	+0.1	18.6

Sternbedeckungen 1935

Ein- und Austritte für München

Tag	Stern	Größe	Phase	Welt-Zeit	P	a	b	Alter des Mondes
1935		m		h m	°	m	m	d
April 22	116 B. Scorpii	6.2	A.	2 32	267	—1.7	—0.4	18.6
Mai 7	δ Geminorum	3.5	E.	22 3.5	101	+0.2	—1.5	5.0
11	155 B. Leonis	6.5	E.	19 18.5	160	—0.6	—2.4	8.9
Juni 21	λ Capricorni	5.4	A.	0 19	264	—1.2	+1.3	19.7
Juli 18	ρ Aquarii	5.4	A.	22 38.5	208	—0.7	+2.0	18.1
19	170 B. Aquarii	6.1	A.	0 51.5	230	—1.2	+1.2	18.2
25	104 B. Tauri	5.5	A.	0 41	231	+0.4	+1.8	24.2
Aug. 17	136 B. Piscium	6.5	A.	22 34.5	303	—1.7	+0.5	18.5
18	101 Piscium	6.2	A.	22 22	251	—0.3	+1.7	19.5
20	66 Arietis	6.1	A.	22 0	328	—	—	21.5
23	118 Tauri	5.4	A.	0 42.5	259	+0.1	+1.6	23.6
25	δ Geminorum	3.5	A.	1 38.5	279	+0.2	+1.2	25.7
Sept. 7	λ Sagittarii	2.9	E.	19 44	60	—1.3	—0.1	9.8
7	λ Sagittarii	2.9	A.	20 56	272	—1.3	—1.1	9.9
9	12 Capricorni	6.1	E.	20 57	66	—1.4	+0.2	11.9
11	ρ Aquarii	5.4	E.	18 24.5	88	—0.8	+1.4	13.8
15	20 H.[1] Arietis	6.4	A.	21 19	210	0.0	+2.2	17.9
20	5 Geminorum	5.9	A.	1 6	253	—0.4	+1.9	22.0
21	44 Geminorum	5.9	A.	0 45.5	287	—0.3	+1.0	23.0
23	54 Cancri	6.3	A.	4 6	264	—0.9	+1.8	25.2
Okt. 3	118 B. Ophiuchi	6.2	E.	17 20	128	—1.9	—1.5	6.0
7	94 B. Capricorni	6.0	E.	17 9.5	57	—1.3	+1.3	10.0
8	96 B. Aquarii	6.5	E.	17 36.5	33	—0.9	+1.8	11.0
9	6 G. Piscium	6.2	E.	23 47.5	18	—0.4	+1.2	12.3
15	104 B. Tauri	5.5	A.	0 1.5	278	—1.6	+0.4	17.3
16	*k* Tauri	5.6	A.	4 34	293	—1.2	—1.8	18.5
16	132 Tauri	5.0	A.	23 38	244	—0.6	+2.1	19.3
19	79 Geminorum	6.3	A.	2 47.5	297	—1.4	0.0	21.4
Nov. 6	22 B. Piscium	6.5	E.	18 47	69	—1.4	+0.9	10.4
6	9 Piscium	6.4	E.	21 27.5	34	+0.8	+0.8	10.5
6	κ Piscium	4.9	E.	21 49.5	346	—	—	10.5
13	8 Geminorum	6.1	A.	20 15.5	308	—0.5	+0.5	17.4
13	9 Geminorum	6.3	A.	20 38	255	—0.1	+1.8	17.5
30	π Capricorni	5.2	E.	17 32.5	144	—	—	4.6
30	ρ Capricorni	5.0	E.	18 10.5	80	—0.9	—1.0	4.7
Dez. 1	18 Aquarii	5.5	E.	19 1.5	111	—1.6	—2.3	5.7
7	μ Arietis	5.7	E.	16 52	356	—	—	11.6
8	104 B. Tauri	5.5	E.	19 27	19	—0.1	+3.6	12.7
13	209 B. Geminorum	6.1	A.	0 23.5	271	—1.7	+0.6	16.9
18	13 B. Virginis	5.8	A.	6 35.5	310	—1.3	—1.5	22.2
31	19 Piscium	5.3	E.	18 22.5	76	—1.3	—0.5	6.1

0h Welt-Zeit	Mondbewegung			Lage des Mondäquators gegen den Erdäquator							
	☊	$L_☾$	$M_☾$	i		$Δ$		☊′		$Δ-☋$	
1935	°	°	°	°		°		°		°	
Jan. −8	302.7236	112.3168	154.86	22.652	12	119.633	546	3.363	18	356.905	16
+2	302.1941	244.0808	285.51	22.664	13	119.087	546	3.381	18	356.889	16
12	301.6646	15.8448	56.16	22.677	12	118.541	545	3.399	17	356.873	16
22	301.1350	147.6088	186.81	22.689	13	117.996	545	3.416	17	356.857	16
Febr. 1	300.6055	279.3727	317.46	22.702	13	117.451	545	3.433	17	356.841	15
11	300.0760	51.1367	88.11	22.715	12	116.906	544	3.450	17	356.826	15
21	299.5464	182.9007	218.76	22.727	13	116.362	545	3.467	16	356.811	15
März 3	299.0169	314.6646	349.41	22.740	13	115.817	544	3.483	16	356.796	15
13	298.4873	86.4286	120.06	22.753	13	115.273	544	3.499	16	356.781	14
23	297.9578	218.1926	250.71	22.766	13	114.729	543	3.515	15	356.767	14
April 2	297.4283	349.9565	21.36	22.779	13	114.186	543	3.530	15	356.753	13
12	296.8987	121.7205	152.01	22.792	13	113.643	543	3.545	14	356.740	13
22	296.3692	253.4845	282.66	22.805	13	113.100	543	3.559	14	356.727	13
Mai 2	295.8396	25.2484	53.31	22.818	13	112.557	542	3.573	14	356.714	13
12	295.3101	157.0124	183.96	22.831	13	112.015	542	3.587	14	356.701	12
22	294.7806	288.7764	314.61	22.844	13	111.473	541	3.601	13	356.689	12
Juni 1	294.2510	60.5403	85.26	22.857	13	110.932	541	3.614	13	356.677	12
11	293.7215	192.3043	215.91	22.870	14	110.391	541	3.627	13	356.665	11
21	293.1920	324.0683	346.56	22.884	13	109.850	541	3.640	12	356.654	11
Juli 1	292.6624	95.8322	117.21	22.897	13	109.309	540	3.652	12	356.643	11
11	292.1329	227.5962	247.86	22.910	14	108.769	540	3.664	11	356.632	11
21	291.6033	359.3602	18.51	22.924	13	108.229	540	3.675	11	356.621	10
31	291.0738	131.1241	149.16	22.937	14	107.689	539	3.686	11	356.611	10
Aug. 10	290.5443	262.8881	279.81	22.951	14	107.150	539	3.697	11	356.601	9
20	290.0147	34.6521	50.46	22.965	13	106.611	539	3.708	10	356.592	9
30	289.4852	166.4160	181.11	22.978	14	106.072	538	3.718	10	356.583	9
Sept. 9	288.9556	298.1800	311.76	22.992	14	105.534	539	3.728	10	356.574	9
19	288.4261	69.9440	82.41	23.006	13	104.995	538	3.738	9	356.565	8
29	287.8966	201.7079	213.06	23.019	14	104.457	537	3.747	9	356.557	8
Okt. 9	287.3670	333.4719	343.71	23.033	14	103.920	537	3.756	9	356.549	8
19	286.8375	105.2359	114.35	23.047	14	103.383	537	3.765	8	356.541	8
29	286.3079	236.9998	245.00	23.061	13	102.846	537	3.773	8	356.533	7
Nov. 8	285.7784	8.7638	15.65	23.074	14	102.309	536	3.781	7	356.526	7
18	285.2489	140.5278	146.30	23.088	14	101.773	536	3.788	8	356.519	6
28	284.7193	272.2918	276.95	23.102	14	101.237	536	3.796	7	356.513	6
Dez. 8	284.1898	44.0557	47.60	23.116	14	100.701	535	3.803	6	356.507	6
18	283.6602	175.8197	178.25	23.130	14	100.166	535	3.809	6	356.501	6
28	283.1307	307.5837	308.90	23.144	14	99.631	535	3.815	6	356.495	5
38	282.6012	79.3476	79.55	23.158		99.096		3.821		356.490	

Mondkrater Mösting A. 1935

Tag		0h Welt-Zeit								
		$\alpha_{☾} - \alpha_k$			$\delta_{☾} - \delta_k$			log sin p_k		
1935		s	s	s	″	″	″			
Jan.	11	−10.29			−119.0			8.23434		
	12	−10.89	−0.60	−0.08	−125.4	− 6.4	+11.4	8.22856	−578	+ 22
	13	−11.57	−0.68	+0.05	−120.4	+ 5.0	+10.3	8.22300	−556	+ 42
	14	−12.20	−0.63	+0.25	−105.1	+15.3	+ 8.6	8.21786	−514	+ 55
	15	−12.58	−0.38	+0.46	− 81.2	+23.9	+ 6.3	8.21327	−459	+ 61
	16	−12.50	+0.08	+0.63	− 51.0	+30.2	+ 3.1	8.20929	−398	+ 60
	17	−11.79	+0.71	+0.65	− 17.7	+33.3	+ 0.2	8.20591	−338	+ 59
	18	−10.43	+1.36	+0.51	+ 15.8	+33.5	− 3.0	8.20312	−279	+ 55
	19	− 8.56	+1.87	+0.31	+ 46.3	+30.5	− 4.4	8.20088	−224	+ 58
	20	− 6.38	+2.18	+0.11	+ 72.4	+26.1	− 5.4	8.19922	−166	+ 62
	21	− 4.09	+2.29	−0.05	+ 93.1	+20.7	− 5.1	8.19818	−104	+ 71
	22	− 1.85	+2.24	−0.15	+108.7	+15.6	− 4.6	8.19785	− 33	+ 82
	23	+ 0.24	+2.09	−0.20	+119.7	+11.0	− 3.6	8.19834	+ 49	+ 96
	24	+ 2.13	+1.89	−0.27	+127.1	+ 7.4	− 2.8	8.19979	+145	+103
	25	+ 3.75	+1.62	−0.31	+131.7	+ 4.6	− 1.6	8.20227	+248	+114
	26	+ 5.06	+1.31	−0.41	+134.7	+ 3.0	− 0.8	8.20589	+362	+114
	27	+ 5.96	+0.90	−0.54	+136.9	+ 2.2	− 0.5	8.21065	+476	+108
	28	+ 6.32	+0.36	−0.68	+138.6	+ 1.7	− 1.1	8.21649	+584	+ 83
Febr.	10	−13.06			−114.4			8.22391		
	11	−13.74	−0.68	+0.54	− 91.3	+23.1	+ 7.7	8.21754	−637	+ 78
	12	−13.88	−0.14	+0.73	− 60.5	+30.8	+ 3.9	8.21195	−559	+ 93
	13	−13.29	+0.59	+0.72	− 25.8	+34.7	+ 0.2	8.20729	−466	+ 97
	14	−11.98	+1.31	+0.58	+ 9.1	+34.9	− 2.6	8.20360	−369	+ 96
	15	−10.09	+1.89	+0.34	+ 41.4	+32.3	− 4.4	8.20087	−273	+ 87
	16	− 7.86	+2.23	+0.12	+ 69.3	+27.9	− 5.4	8.19901	−186	+ 80
	17	− 5.51	+2.35	−0.06	+ 91.8	+22.5	− 5.2	8.19795	−106	+ 74
	18	− 3.22	+2.29	−0.15	+109.1	+17.3	− 4.8	8.19763	− 32	+ 68
	19	− 1.08	+2.14	−0.23	+121.6	+12.5	− 4.0	8.19799	+ 36	+ 69
	20	+ 0.83	+1.91	−0.26	+130.1	+ 8.5	− 3.3	8.19904	+105	+ 70
	21	+ 2.48	+1.65	−0.29	+135.3	+ 5.2	− 2.3	8.20079	+175	+ 76
	22	+ 3.84	+1.36	−0.34	+138.2	+ 2.9	− 1.6	8.20330	+251	+ 81
	23	+ 4.86	+1.02	−0.41	+139.5	+ 1.3	− 1.5	8.20662	+332	+ 86
	24	+ 5.47	+0.61	−0.50	+139.3	− 0.2	− 1.3	8.21080	+418	+ 85
	25	+ 5.58	+0.11	−0.59	+137.8	− 1.5	− 2.1	8.21583	+503	+ 76
	26	+ 5.10	−0.48	−0.60	+134.2	− 3.6	− 3.9	8.22162	+579	+ 60
	27	+ 4.02	−1.08	−0.50	+126.7	− 7.5	− 6.3	8.22801	+639	+ 24
März	11	−14.41			− 69.1			8.21903		
	12	−14.29	+0.12	+0.89	− 33.9	+35.2	+ 1.6	8.21276	−627	+ 99
	13	−13.28	+1.01	+0.73	+ 2.9	+36.8	− 2.3	8.20748	−528	+117
	14	−11.54	+1.74	+0.47	+ 37.4	+34.5	− 4.7	8.20337	−411	+119
	15	− 9.33	+2.21	+0.18	+ 67.2	+29.8	− 5.6	8.20045	−292	+119
	16	− 6.94	+2.39	−0.01	+ 91.4	+24.2	− 5.5	8.19872	−173	+106
	17	− 4.56	+2.38	−0.18	+110.1	+18.7	− 5.1	8.19805	− 67	+ 94
	18	− 2.36	+2.20	−0.24	+123.7	+13.6	− 4.1	8.19832	+ 27	+ 81
	19	− 0.40	+1.96	−0.30	+133.2	+ 9.5	− 3.3	8.19940	+108	+ 68
	20	+ 1.26	+1.66	−0.33	+139.4	+ 6.2	− 2.8	8.20116	+176	+ 58

Tag		0h Welt-Zeit								
		$\alpha_{☾}-\alpha_k$			$\delta_{☾}-\delta_k$			log sin p_k		
1935										
März	20	+ 1.26 s	+1.33 s	−0.33 s	+139.4″	+ 3.4″	−2.8″	8.20116	+234	+ 58
	21	+ 2.59	+0.97	−0.36	+142.8	+ 1.3	−2.1	8.20350	+284	+ 50
	22	+ 3.56	+0.57	−0.40	+144.1	− 0.6	−1.9	8.20634	+332	+ 48
	23	+ 4.13	+0.12	−0.45	+143.5	− 2.6	−2.0	8.20966	+378	+ 46
	24	+ 4.25	−0.35	−0.47	+140.9	− 5.3	−2.7	8.21344	+423	+ 45
	25	+ 3.90	−0.78	−0.43	+135.6	− 9.1	−3.8	8.21767	+467	+ 44
	26	+ 3.12	−1.10	−0.32	+126.5	−14.0	−4.9	8.22234	+502	+ 35
	27	+ 2.02	−1.25	−0.15	+112.5	−19.9	−5.9	8.22736	+521	+ 19
	28	+ 0.77		+0.02	+ 92.6		−6.1	8.23257		− 10
April	10	−12.33 s	+1.99 s		+ 31.7″	+32.4″		8.20842	−430	
	11	−10.34	+2.33	+0.34 s	+ 64.1	+26.4	−6.0″	8.20412	−301	+129
	12	− 8.01	+2.39	+0.06	+ 90.5	+20.3	−6.1	8.20111	−168	+133
	13	− 5.62	+2.28	−0.11	+110.8	+14.8	−5.5	8.19943	− 40	+128
	14	− 3.34	+2.04	−0.24	+125.6	+10.1	−4.7	8.19903	+ 77	+117
	15	− 1.30	+1.74	−0.30	+135.7	+ 6.6	−3.5	8.19980	+178	+101
	16	+ 0.44	+1.37	−0.37	+142.3	+ 3.9	−2.7	8.20158	+257	+ 79
	17	+ 1.81	+0.96	−0.41	+146.2	+ 1.7	−2.2	8.20415	+315	+ 58
	18	+ 2.77	+0.51	−0.45	+147.9	− 0.3	−2.0	8.20730	+354	+ 39
	19	+ 3.28	+0.01	−0.50	+147.6	− 2.5	−2.2	8.21084	+375	+ 21
	20	+ 3.29	−0.49	−0.50	+145.1	− 5.7	−3.2	8.21459	+383	+ 8
	21	+ 2.80	−0.92	−0.43	+139.4	−10.1	−4.4	8.21842	+382	− 1
	22	+ 1.88	−1.16	−0.24	+129.3	−15.6	−5.5	8.22224	+375	− 7
	23	+ 0.72	−1.19	−0.03	+113.7	−21.4	−5.8	8.22599	+365	− 10
	24	− 0.47	−1.00	+0.19	+ 92.3	−26.6	−5.2	8.22964	+349	− 16
	25	− 1.47	−0.77	+0.23	+ 65.7	−30.2	−3.6	8.23313	+324	− 25
	26	− 2.24	−0.59	+0.18	+ 35.5	−32.0	−1.8	8.23637	+283	− 41
	27	− 2.83		+0.02	+ 3.5		+0.3	8.23920		− 62
Mai	9	− 8.60 s	+2.31 s		+ 86.9″	+22.7″		8.20448	−285	
	10	− 6.29	+2.30	−0.01 s	+109.6	+16.4	−6.3″	8.20163	−152	+133
	11	− 3.99	+2.13	−0.17	+126.0	+11.0	−5.4	8.20011	− 13	+139
	12	− 1.86	+1.86	−0.27	+137.0	+ 6.8	−4.2	8.19998	+120	+133
	13	0.00	+1.52	−0.34	+143.8	+ 3.8	−3.0	8.20118	+240	+120
	14	+ 1.52	+1.10	−0.42	+147.6	+ 1.7	−2.1	8.20358	+337	+ 97
	15	+ 2.62	+0.63	−0.47	+149.3	0.0	−1.7	8.20695	+409	+ 72
	16	+ 3.25	+0.07	−0.56	+149.3	− 1.8	−1.8	8.21104	+451	+ 42
	17	+ 3.32	−0.53	−0.60	+147.5	− 4.7	−2.9	8.21555	+461	+ 10
	18	+ 2.79	−1.10	−0.57	+142.8	− 9.2	−4.5	8.22016	+441	− 20
	19	+ 1.69	−1.46	−0.36	+133.6	−15.4	−6.2	8.22457	+399	− 42
	20	+ 0.23	−1.52	−0.06	+118.2	−22.4	−7.0	8.22856	+338	− 61
	21	− 1.29	−1.31	+0.21	+ 95.8	−28.6	−6.2	8.23194	+271	− 67
	22	− 2.60	−0.91	+0.40	+ 67.2	−32.7	−4.1	8.23465	+200	− 71
	23	− 3.51	−0.57	+0.34	+ 34.5	−33.8	−1.1	8.23665	+134	− 66
	24	− 4.08	−0.39	+0.18	+ 0.7	−32.3	+1.5	8.23799	+ 71	− 63
	25	− 4.47	−0.38	+0.01	− 31.6	−28.6	+3.7	8.23870	+ 10	− 61
	26	− 4.85		−0.18	− 60.2		+5.6	8.23880		− 60

Tag	0ʰ Welt-Zeit								
	$\alpha_{☾} - \alpha_k$	Δ	Δ²	$\delta_{☾} - \delta_k$	Δ	Δ²	log sin p_k	Δ	Δ²
1935									
Juni 8	− 2.32ˢ	+1.98ˢ		+136.5″	+ 7.5″		8.20003	+ 16	
9	− 0.34	+1.69	−0.29ˢ	+144.0	+ 3.8	− 3.7″	8.20019	+154	+138
10	+ 1.35	+1.34	−0.35	+147.8	+ 1.2	− 2.6	8.20173	+286	+132
11	+ 2.69	+0.91	−0.43	+149.0	− 0.5	− 1.7	8.20459	+404	+118
12	+ 3.60	+0.38	−0.53	+148.5	− 1.7	− 1.2	8.20863	+494	+ 90
13	+ 3.98	−0.25	−0.63	+146.8	− 3.6	− 1.9	8.21357	+551	+ 57
14	+ 3.73	−0.92	−0.67	+143.2	− 6.9	− 3.3	8.21908	+569	+ 18
15	+ 2.81	−1.51	−0.59	+136.3	−12.5	− 5.6	8.22477	+542	− 27
16	+ 1.30	−1.84	−0.33	+123.8	−20.0	− 7.5	8.23019	+474	− 68
17	− 0.54	−1.79	+0.05	+103.8	−28.0	− 8.0	8.23493	+370	−104
18	− 2.33	−1.45	+0.34	+ 75.8	−34.4	− 6.4	8.23863	+247	−123
19	− 3.78	−1.01	+0.44	+ 41.4	−37.3	− 2.9	8.24110	+114	−133
20	− 4.79	−0.69	+0.32	+ 4.1	−36.3	+ 1.0	8.24224	− 9	−123
21	− 5.48	−0.52	+0.17	− 32.2	−32.0	+ 4.3	8.24215	−116	−107
22	− 6.00	−0.56	−0.04	− 64.2	−25.3	+ 6.7	8.24099	−198	− 82
23	− 6.56	−0.71	−0.15	− 89.5	−16.7	+ 8.6	8.23901	−260	− 62
24	− 7.27	−0.95	−0.24	−106.2	− 6.8	+ 9.9	8.23641	−302	− 42
25	− 8.22			−113.0			8.23339		
Juli 7	+ 0.90ˢ	+1.55ˢ		+147.9″	+ 0.9″		8.19960	+177	
8	+ 2.45	+1.20	−0.35ˢ	+148.8	− 1.3	− 2.2″	8.20137	+311	+134
9	+ 3.65	+0.77	−0.43	+147.5	− 2.7	− 1.4	8.20448	+438	+127
10	+ 4.42	+0.25	−0.52	+144.8	− 3.8	− 1.1	8.20886	+545	+107
11	+ 4.67	−0.39	−0.64	+141.0	− 5.6	− 1.8	8.21431	+625	+ 80
12	+ 4.28	−1.06	−0.67	+135.4	− 9.1	− 3.5	8.22056	+663	+ 38
13	+ 3.22	−1.63	−0.57	+126.3	−15.0	− 5.9	8.22719	+651	− 12
14	+ 1.59	−1.93	−0.30	+111.3	−23.1	− 8.1	8.23370	+583	− 68
15	− 0.34	−1.88	+0.05	+ 88.2	−31.4	− 8.3	8.23953	+461	−122
16	− 2.22	−1.60	+0.28	+ 56.8	−37.6	− 6.2	8.24414	+300	−161
17	− 3.82	−1.26	+0.34	+ 19.2	−39.7	− 2.1	8.24714	+113	−187
18	− 5.08	−1.04	+0.22	− 20.5	−37.4	+ 2.3	8.24827	− 70	−183
19	− 6.12	−0.95	+0.09	− 57.9	−31.0	+ 6.4	8.24757	−234	−164
20	− 7.07	−1.01	−0.06	− 88.9	−21.6	+ 9.4	8.24523	−358	−124
21	− 8.08	−1.15	−0.14	−110.5	−10.3	+11.3	8.24165	−443	− 85
22	− 9.23	−1.31	−0.16	−120.8	+ 1.8	+12.1	8.23722	−487	− 44
23	−10.54	−1.26	+0.05	−119.0	+13.8	+12.0	8.23235	−495	− 8
24	−11.80			−105.2			8.22740		
Aug. 6	+ 4.09ˢ	+0.63ˢ		+145.0″	− 5.4″		8.20386	+434	
7	+ 4.72	+0.17	−0.46ˢ	+139.6	− 6.2	− 0.8″	8.20820	+549	+115
8	+ 4.89	−0.39	−0.56	+133.4	− 8.1	− 1.9	8.21369	+643	+ 94
9	+ 4.50	−0.97	−0.58	+125.3	−11.6	− 3.5	8.22012	+704	+ 61
10	+ 3.53	−1.44	−0.47	+113.7	−17.3	− 5.7	8.22716	+719	+ 15
11	+ 2.09	−1.70	−0.26	+ 96.4	−24.4	− 7.1	8.23435	+675	− 44
12	+ 0.39	−1.72	−0.02	+ 72.0	−32.0	− 7.6	8.24110	+568	−107
13	− 1.33	−1.62	+0.10	+ 40.0	−37.7	− 5.7	8.24678	+401	−167
14	− 2.95		+0.12	+ 2.3		− 1.7	8.25079		−211

Tag		0^h Welt-Zeit								
		$\alpha_{☾} - \alpha_k$			$\delta_{☾} - \delta_k$			log sin p_k		
1935		s	s	s	″	″	″			
Aug.	14	− 2.95	−1.50	+0.12	+ 2.3	−39.4	− 1.7	8.25079	+190	−211
	15	− 4.45	−1.45	+0.05	− 37.1	−36.5	+ 2.9	8.25269	− 37	−227
	16	− 5.90	−1.52	−0.07	− 73.6	−28.9	+ 7.6	8.25232	−253	−216
	17	− 7.42	−1.64	−0.12	−102.5	−17.4	+11.5	8.24979	−432	−179
	18	− 9.06	−1.75	−0.11	−119.9	− 3.9	+13.5	8.24547	−555	−123
	19	−10.81	−1.72	+0.03	−123.8	+10.2	+14.1	8.23992	−623	− 68
	20	−12.53	−1.43	+0.29	−113.6	+23.1	+12.9	8.23369	−638	− 15
	21	−13.96	−0.82	+0.61	− 90.5	+33.0	+ 9.9	8.22731	−610	+ 28
	22	−14.78	+0.03	+0.85	− 57.5	+38.8	+ 5.8	8.22121	−557	+ 53
	23	−14.75			− 18.7			8.21564		
		s	s	s	″	″	″			
Sept.	5	+ 4.32	−0.36		+124.5	−11.4		8.21293	+598	
	6	+ 3.96	−0.73	−0.37	+113.1	−14.8	− 3.4	8.21891	+670	+ 72
	7	+ 3.23	−1.04	−0.31	+ 98.3	−19.3	− 4.5	8.22561	+708	+ 38
	8	+ 2.19	−1.23	−0.19	+ 79.0	−25.1	− 5.8	8.23269	+696	− 12
	9	+ 0.96	−1.32	−0.09	+ 53.9	−30.6	− 5.5	8.23965	+623	− 73
	10	− 0.36	−1.41	−0.09	+ 23.3	−34.9	− 4.3	8.24588	+488	−135
	11	− 1.77	−1.54	−0.13	− 11.6	−36.0	− 1.1	8.25076	+294	−194
	12	− 3.31	−1.73	−0.19	− 47.6	−32.9	+ 3.1	8.25370	+ 60	−234
	13	− 5.04	−1.99	−0.26	− 80.5	−24.8	+ 8.1	8.25430	−180	−240
	14	− 7.03	−2.24	−0.25	−105.3	−12.3	+12.5	8.25250	−398	−218
	15	− 9.27	−2.32	−0.08	−117.6	+ 2.4	+14.7	8.24852	−567	−169
	16	−11.59	−2.12	+0.20	−115.2	+18.0	+15.6	8.24285	−675	−108
	17	−13.71	−1.51	+0.61	− 97.2	+30.8	+12.8	8.23610	−716	− 41
	18	−15.22	−0.55	+0.96	− 66.4	+39.2	+ 8.4	8.22894	−701	+ 15
	19	−15.77	+0.53	+1.08	− 27.2	+41.9	+ 2.7	8.22193	−643	+ 58
	20	−15.24	+1.47	+0.94	+ 14.7	+39.7	− 2.2	8.21550	−557	+ 86
	21	−13.77			+ 54.4			8.20993		
		s	s	s	″	″	″			
Okt.	4	+ 2.59	−0.51		+ 98.1	−18.7		8.21867	+568	
	5	+ 2.08	−0.60	−0.09	+ 79.4	−22.1	− 3.4	8.22435	+609	+ 41
	6	+ 1.48	−0.69	−0.09	+ 57.3	−25.4	− 3.3	8.23044	+617	+ 8
	7	+ 0.79	−0.81	−0.12	+ 31.9	−28.5	− 3.1	8.23661	+581	− 36
	8	− 0.02	−1.02	−0.21	+ 3.4	−30.4	− 1.9	8.24242	+489	− 92
	9	− 1.04	−1.34	−0.32	− 27.0	−30.1	+ 0.3	8.24731	+344	−145
	10	− 2.38	−1.74	−0.40	− 57.1	−26.3	+ 3.8	8.25075	+151	−193
	11	− 4.12	−2.18	−0.44	− 83.4	−18.2	+ 8.1	8.25226	− 70	−221
	12	− 6.30	−2.55	−0.37	−101.6	− 5.9	+12.3	8.25156	−291	−221
	13	− 8.85	−2.64	−0.09	−107.5	+ 9.4	+15.3	8.24865	−482	−191
	14	−11.49	−2.30	+0.34	− 98.1	+24.5	+15.1	8.24383	−625	−143
	15	−13.79	−1.44	+0.86	− 73.6	+36.5	+12.0	8.23758	−703	− 78
	16	−15.23	−0.26	+1.18	− 37.1	+42.6	+ 6.1	8.23055	−718	− 15
	17	−15.49	+0.86	+1.12	+ 5.5	+42.5	− 0.1	8.22337	−680	+ 38
	18	−14.63	+1.81	+0.95	+ 48.0	+37.6	− 4.9	8.21657	−600	+ 80
	19	−12.82	+2.25	+0.44	+ 85.6	+30.3	− 7.3	8.21057	−491	+109
	20	−10.57	+2.40	+0.15	+115.9	+22.3	− 8.0	8.20566	−368	+123
	21	− 8.17			+138.2			8.20198		

Mondkrater Mösting A. 1935

Tag		0^h Welt-Zeit								
		$\alpha_☾ - \alpha_k$			$\delta_☾ - \delta_k$			log sin p_k		
1935		s	s	s	"	"	"			
Nov.	2	+ 0.36	−0.30		+ 56.1	−25.1		8.22528	+452	
	3	+ 0.06	−0.30	0.00	+ 31.0	−26.2	− 1.1	8.22980	+454	+ 2
	4	− 0.24	−0.41	−0.11	+ 4.8	−26.4	− 0.2	8.23434	+430	− 24
	5	− 0.65	−0.66	−0.25	− 21.6	−25.5	+ 0.9	8.23864	+377	− 53
	6	− 1.31	−1.06	−0.40	− 47.1	−22.9	+ 2.6	8.24241	+285	− 92
	7	− 2.37	−1.54	−0.48	− 70.0	−17.7	+ 5.2	8.24526	+154	−131
	8	− 3.91	−2.07	−0.53	− 87.7	− 9.3	+ 8.4	8.24680	− 10	−164
	9	− 5.98	−2.47	−0.40	− 97.0	+ 2.7	+12.0	8.24670	−187	−177
	10	− 8.45	−2.54	−0.07	− 94.3	+16.7	+14.0	8.24483	−359	−172
	11	−10.99	−2.08	+0.46	− 77.6	+30.4	+13.7	8.24124	−505	−146
	12	−13.07	−1.12	+0.96	− 47.2	+39.9	+ 9.5	8.23619	−604	− 99
	13	−14.19	+0.08	+1.20	− 7.3	+43.3	+ 3.4	8.23015	−650	− 46
	14	−14.11	+1.15	+1.07	+ 36.0	+40.7	− 2.6	8.22365	−642	+ 8
	15	−12.96	+1.88	+0.73	+ 76.7	+34.3	− 6.4	8.21723	−588	+ 54
	16	−11.08	+2.21	+0.33	+111.0	+25.9	− 8.4	8.21135	−495	+ 93
	17	− 8.87	+2.26	+0.05	+136.9	+17.7	− 8.2	8.20640	−374	+121
	18	− 6.61	+2.14	−0.12	+154.6	+10.4	− 7.3	8.20266	−240	+134
	19	− 4.47		−0.24	+165.0		− 6.0	8.20026		+139
		s	s	s	"	"	"			
Dez.	2	− 1.77	−0.30		− 25.3	−24.6		8.23491	+218	
	3	− 2.07	−0.56	−0.26	− 49.9	−20.9	+ 3.7	8.23709	+173	− 45
	4	− 2.63	−0.93	−0.37	− 70.8	−15.5	+ 5.4	8.23882	+113	− 60
	5	− 3.56	−1.38	−0.45	− 86.3	− 8.4	+ 7.1	8.23995	+ 37	− 76
	6	− 4.94	−1.83	−0.45	− 94.7	+ 1.1	+ 9.5	8.24032	− 57	− 94
	7	− 6.77	−2.11	−0.28	− 93.6	+12.6	+11.5	8.23975	−166	−109
	8	− 8.88	−2.01	+0.10	− 81.0	+24.8	+12.2	8.23809	−282	−116
	9	−10.89	−1.44	+0.57	− 56.2	+35.3	+10.5	8.23527	−389	−107
	10	−12.33	−0.48	+0.96	− 20.9	+41.3	+ 6.0	8.23138	−475	− 86
	11	−12.81	+0.56	+1.04	+ 20.4	+41.8	+ 0.5	8.22663	−527	− 52
	12	−12.25	+1.39	+0.83	+ 62.2	+37.3	− 4.5	8.22136	−541	− 14
	13	−10.86	+1.90	+0.51	+ 99.5	+29.8	− 7.5	8.21595	−514	+ 27
	14	− 8.96	+2.09	+0.19	+129.3	+21.3	− 8.5	8.21081	−447	+ 67
	15	− 6.87	+2.07	−0.02	+150.6	+13.3	− 8.0	8.20634	−348	+ 99
	16	− 4.80	+1.92	−0.15	+163.9	+ 6.3	− 7.0	8.20286	−225	+123
	17	− 2.88	+1.68	−0.24	+170.2	+ 0.7	− 5.6	8.20061	− 88	+137
	18	− 1.20	+1.39	−0.29	+170.9	− 3.5	− 4.2	8.19973	+ 56	+144
	19	+ 0.19			+167.4			8.20029		

Verfinsterungen: E. Eintritte, A. Austritte (in Welt-Zeit)

TRABANT I

		h	m	
Jan.	1	15	39.1	E.
	3	10	7.4	E.
	5	4	35.8	E.
	6	23	4.1	E.
	8	17	32.5	E.
	10	12	0.8	E.
	12	6	29.1	E.
	14	0	57.4	E.
	15	19	25.7	E.
	17	13	54.0	E.
	19	8	22.3	E.
	21	2	50.6	E.
	22	21	18.9	E.
	24	15	47.2	E.
	26	10	15.5	E.
	28	4	43.8	E.
	29	23	12.1	E.
	31	17	40.3	E.
Febr.	2	12	8.6	E.
	4	6	36.9	E.
	6	1	5.2	E.
	7	19	33.4	E.
	9	14	1.7	E.
	11	8	29.9	E.
	13	2	58.2	E.
	14	21	26.4	E.
	16	15	54.7	E.
	18	10	22.9	E.
	20	4	51.2	E.
	21	23	19.4	E.
	23	17	47.7	E.
	25	12	15.9	E.
	27	6	44.2	E.
März	1	1	12.4	E.
	2	19	40.7	E.
	4	14	8.9	E.
	6	8	37.2	E.
	8	3	5.4	E.
	9	21	33.7	E.
	11	16	1.9	E.
	13	10	30.2	E.
	15	4	58.4	E.
	16	23	26.7	E.
	18	17	54.9	E.
	20	12	23.2	E.
	22	6	51.4	E.
	24	1	19.7	E.

TRABANT I

		h	m	
März	25	19	48.0	E.
	27	14	16.3	E.
	29	8	44.6	E.
	31	3	12.8	E.
April	1	21	41.1	E.
	3	16	9.4	E.
	5	10	37.7	E.
	7	5	6.0	E.
	8	23	34.3	E.
	10	18	2.6	E.
	12	12	30.9	E.
	14	6	59.3	E.
	16	1	27.6	E.
	17	19	55.9	E.
	19	14	24.3	E.
	21	8	52.6	E.
	23	3	21.0	E.
	24	21	49.3	E.
	26	16	17.7	E.
	28	10	46.1	E.
	30	5	14.4	E.
Mai	1	23	42.9	E.
	3	18	11.3	E.
	5	12	39.7	E.
	7	7	8.1	E.
	9	1	36.5	E.
	10	22	14.5	A.
	12	16	42.9	A.
	14	11	11.3	A.
	16	5	39.8	A.
	18	0	8.3	A.
	19	18	36.8	A.
	21	13	5.2	A.
	23	7	33.7	A.
	25	2	2.2	A.
	26	20	30.7	A.
	28	14	59.2	A.
	30	9	27.8	A.
Juni	1	3	56.3	A.
	2	22	24.8	A.
	4	16	53.4	A.
	6	11	21.9	A.
	8	5	50.5	A.
	10	0	19.0	A.
	11	18	47.6	A.
	13	13	16.1	A.
	15	7	44.8	A.

TRABANT I

		h	m	
Juni	17	2	13.4	A.
	18	20	42.0	A.
	20	15	10.6	A.
	22	9	39.2	A.
	24	4	7.8	A.
	25	22	36.4	A.
	27	17	5.1	A.
	29	11	33.7	A.
Juli	1	6	2.4	A.
	3	0	31.0	A.
	4	18	59.7	A.
	6	13	28.4	A.
	8	7	57.0	A.
	10	2	25.7	A.
	11	20	54.4	A.
	13	15	23.1	A.
	15	9	51.8	A.
	17	4	20.4	A.
	18	22	49.1	A.
	20	17	17.9	A.
	22	11	46.5	A.
	24	6	15.3	A.
	26	0	44.0	A.
	27	19	12.7	A.
	29	13	41.4	A.
	31	8	10.2	A.
Aug.	2	2	38.8	A.
	3	21	7.6	A.
	5	15	36.3	A.
	7	10	5.1	A.
	9	4	33.8	A.
	10	23	2.6	A.
	12	17	31.3	A.
	14	12	0.0	A.
	16	6	28.8	A.
	18	0	57.5	A.
	19	19	26.3	A.
	21	13	55.0	A.
	23	8	23.8	A.
	25	2	52.6	A.
	26	21	21.3	A.
	28	15	50.1	A.
	30	10	18.8	A.
Sept.	1	4	47.6	A.
	2	23	16.3	A.
	4	17	45.1	A.
	6	12	13.8	A.

TRABANT I

		h	m	
Sept.	8	6	42.6	A.
	10	1	11.3	A.
	11	19	40.1	A.
	13	14	8.8	A.
	15	8	37.6	A.
	17	3	6.3	A.
	18	21	35.1	A.
	20	16	3.8	A.
	22	10	32.6	A.
	24	5	1.3	A.
	25	23	30.1	A.
	27	17	58.8	A.
	29	12	27.6	A.
Okt.	1	6	56.3	A.
	3	1	25.1	A.
	4	19	53.8	A.
	6	14	22.5	A.
	8	8	51.2	A.
	10	3	20.0	A.
	11	21	48.7	A.
	13	16	17.5	A.
	15	10	46.1	A.
Dez.	18	1	46.2	E.
	19	20	14.8	E.
	21	14	43.2	E.
	23	9	11.8	E.
	25	3	40.3	E.
	26	22	8.9	E.
	28	16	37.4	E.
	30	11	5.9	E.
	32	5	34.4	E.

TRABANT II

		h	m	
Jan.	2	21	30.4	E.
	6	10	47.3	E.
	10	0	4.3	E.
	13	13	21.2	E.
	17	2	38.3	E.
	20	15	55.3	E.
	24	5	12.5	E.
	27	18	29.5	E.
	27	20	54.2	A.
	31	7	46.8	E.
	31	10	11.5	A.
Febr.	3	21	3.8	E.
	3	23	28.6	A.

Verfinsterungen: E. Eintritte, A. Austritte (in Welt-Zeit)

TRABANT II

		h m	
Febr.	7	10 21.2	E.
	7	12 46.1	A.
	10	23 38.2	E.
	11	2 3.2	A.
	14	12 55.8	E.
	14	15 20.9	A.
	18	2 12.9	E.
	18	4 38.0	A.
	21	15 30.5	E.
	21	17 55.8	A.
	25	4 47.6	E.
	25	7 13.0	A.
	28	18 5.4	E.
	28	20 30.8	A.
März	4	7 22.6	E.
	7	20 40.4	E.
	11	9 57.7	E.
	14	23 15.7	E.
	18	12 33.0	E.
	22	1 51.1	E.
	25	15 8.5	E.
	29	4 26.7	E.
April	1	17 44.1	E.
	5	7 2.5	E.
	8	20 20.0	E.
	12	9 38.5	E.
	15	22 56.1	E.
	19	12 14.6	E.
	23	1 32.3	E.
	26	14 50.9	E.
	30	4 8.7	E.
Mai	3	17 27.4	E.
	7	6 45.2	E.
	10	20 4.0	E.
	10	22 31.1	A.
	14	11 49.1	A.
	18	1 8.0	A.
	21	14 26.0	A.
	25	3 45.0	A.
	28	17 3.1	A.
Juni	1	6 22.1	A.
	4	19 40.2	A.
	8	8 59.3	A.
	11	22 17.3	A.
	15	11 36.4	A.
	19	0 54.6	A.
	22	14 13.6	A.

TRABANT II

		h m	
Juni	26	3 31.9	A.
	29	16 50.9	A.
Juli	3	6 9.1	A.
	6	19 28.0	A.
	10	8 46.2	A.
	13	22 5.1	A.
	17	11 23.3	A.
	21	0 42.1	A.
	24	14 0.3	A.
	28	3 19.0	A.
	31	16 37.1	A.
Aug.	4	5 55.8	A.
	7	19 13.9	A.
	11	8 32.4	A.
	14	21 50.5	A.
	18	11 8.9	A.
	22	0 26.9	A.
	25	13 45.2	A.
	29	3 3.2	A.
Sept.	1	16 21.4	A.
	5	5 39.3	A.
	8	18 57.4	A.
	12	8 15.1	A.
	15	21 33.1	A.
	19	10 50.8	A.
	23	0 8.6	A.
	26	13 26.3	A.
	30	2 43.9	A.
Okt.	3	16 1.5	A.
	7	5 19.2	A.
	10	18 36.6	A.
	14	7 54.1	A.
Dez.	20	17 46.2	E.
	24	7 2.9	E.
	27	20 19.5	E.
	31	9 36.1	E.

TRABANT III

		h m	
Jan.	3	16 19.9	E.
	3	18 14.2	A.
	10	20 17.9	E.
	10	22 11.9	A.
	18	0 15.2	E.
	18	2 9.0	A.
	25	4 12.2	E.
	25	6 6.0	A.

TRABANT III

		h m	
Febr.	1	8 9.5	E.
	1	10 2.9	A.
	8	12 6.4	E.
	8	13 59.8	A.
	15	16 4.2	E.
	15	17 57.5	A.
	22	20 1.5	E.
	22	21 54.8	A.
März	1	23 59.2	E.
	2	1 52.5	A.
	9	3 56.3	E.
	9	5 49.6	A.
	16	7 53.4	E.
	16	9 46.6	A.
	23	11 50.3	E.
	23	13 43.7	A.
	30	15 47.4	E.
	30	17 40.8	A.
April	6	19 45.4	E.
	6	21 38.9	A.
	13	23 43.1	E.
	14	1 36.7	A.
	21	3 41.1	E.
	21	5 34.9	A.
	28	7 38.7	E.
Mai	5	11 36.2	E.
	12	17 28.4	A.
	19	21 26.5	A.
	27	1 25.5	A.
Juni	3	3 29.0	E.
	3	5 24.3	A.
	10	7 27.8	E.
	10	9 23.5	A.
	17	11 26.2	E.
	17	13 22.3	A.
	24	15 24.5	E.
	24	17 21.0	A.
Juli	1	19 23.0	E.
	1	21 20.0	A.
	8	23 21.7	E.
	9	1 19.0	A.
	16	3 21.2	E.
	16	5 18.9	A.
	23	7 20.2	E.
	23	9 18.5	A.
	30	11 19.5	E.
	30	13 18.4	A.

TRABANT III

		h m	
Aug.	6	15 18.4	E.
	6	17 17.7	A.
	13	19 17.0	E.
	13	21 17.0	A.
	20	23 15.9	E.
	21	1 16.5	A.
	28	3 14.8	E.
	28	5 15.9	A.
Sept.	4	7 14.4	E.
	4	9 16.2	A.
	11	11 13.5	E.
	11	13 15.9	A.
	18	15 12.8	E.
	18	17 15.9	A.
	25	19 11.5	E.
	25	21 15.4	A.
Okt.	2	23 10.1	E.
	3	1 14.6	A.
	10	3 8.8	E.
	10	5 14.0	A.
Dez.	20	18 54.4	E.
	27	22 52.6	E.

TRABANT IV

wird nicht verfinstert.

0h Welt-Zeit	α	β	p_a	a	b	U′	B′	P′
1935	"	"	"	"	"	°	°	°
Jan. −4	16.03	14.44	+0.02	36.09	+7.69	163.179	+10.412	+26.796
+4	15.88	14.30	0.02	35.76	7.41	163.413	10.305	26.832
12	15.75	14.18	0.01	35.48	7.13	163.647	10.199	26.867
20	15.65	14.08	0.01	35.25	6.85	163.881	10.092	26.902
28	15.57	14.01	+0.01	35.07	6.57	164.115	9.985	26.936
Febr. 5	15.51	13.95	0.00	34.94	+6.29	164.348	+ 9.878	+26.970
13	15.48	13.92	0.00	34.87	6.02	164.582	9.771	27.003
21	15.47	13.91	0.00	34.85	5.75	164.816	9.663	27.036
März 1	15.49	13.92	0.00	34.88	5.50	165.049	9.555	27.068
9	15.53	13.95	0.00	34.97	5.25	165.283	9.447	27.100
17	15.59	14.00	−0.01	35.10	+5.02	165.516	+ 9.339	+27.131
25	15.68	14.07	0.01	35.29	4.80	165.749	9.231	27.162
April 2	15.78	14.16	0.01	35.53	4.60	165.983	9.123	27.192
10	15.91	14.27	0.02	35.82	4.41	166.216	9.014	27.222
18	16.05	14.40	0.02	36.15	4.24	166.449	8.904	27.251
26	16.22	14.55	−0.03	36.54	+4.10	166.683	+ 8.795	+27.280
Mai 4	16.40	14.72	0.04	36.95	3.97	166.916	8.686	27.308
12	16.60	14.90	0.04	37.40	3.86	167.149	8.577	27.336
20	16.82	15.09	0.04	37.89	3.79	167.382	8.467	27.363
28	17.04	15.29	0.05	38.40	3.74	167.615	8.357	27.390
Juni 5	17.28	15.50	−0.05	38.93	+3.73	167.848	+ 8.247	+27.416
13	17.52	15.72	0.05	39.47	3.75	168.081	8.137	27.442
21	17.76	15.93	0.04	40.01	3.80	168.314	8.026	27.468
29	18.00	16.15	0.04	40.54	3.89	168.547	7.916	27.493
Juli 7	18.23	16.35	0.03	41.05	4.00	168.780	7.805	27.518
15	18.44	16.54	−0.03	41.52	+4.15	169.013	+ 7.694	+27.542
23	18.63	16.71	0.02	41.96	4.33	169.246	7.582	27.565
31	18.79	16.86	0.02	42.34	4.53	169.479	7.471	27.588
Aug. 8	18.93	16.98	0.01	42.64	4.75	169.712	7.360	27.610
16	19.02	17.07	−0.01	42.86	4.97	169.945	7.248	27.632
24	19.09	17.13	0.00	42.99	+5.20	170.178	+ 7.136	+27.653
Sept. 1	19.10	17.14	0.00	43.03	5.42	170.411	7.024	27.674
9	19.08	17.13	0.00	42.97	5.63	170.644	6.912	27.695
17	19.01	17.07	0.00	42.82	5.81	170.877	6.799	27.715
25	18.91	16.98	+0.01	42.58	5.96	171.110	6.687	27.735
Okt. 3	18.76	16.85	0.02	42.26	+6.07	171.343	+ 6.574	+27.754
11	18.59	16.70	0.02	41.87	6.15	171.576	6.462	27.772
19	18.40	16.53	0.03	41.43	6.18	171.808	6.349	27.790
27	18.18	16.33	0.04	40.94	6.17	172.041	6.235	27.808
Nov. 4	17.95	16.13	0.04	40.42	6.11	172.274	6.122	27.825
12	17.71	15.91	+0.04	39.88	+6.02	172.507	+ 6.008	+27.842
20	17.47	15.69	0.04	39.34	5.89	172.740	5.895	27.858
28	17.23	15.47	0.04	38.80	5.73	172.973	5.781	27.873
Dez. 6	16.99	15.26	0.04	38.27	5.54	173.206	5.667	27.888
14	16.77	15.06	0.04	37.77	5.33	173.439	5.553	27.903
22	16.56	14.87	+0.04	37.30	+5.10	173.672	+ 5.439	+27.917
30	16.37	14.70	0.03	36.88	4.85	173.905	5.324	27.930
38	16.20	14.54	+0.02	36.49	+4.59	174.138	+ 5.210	+27.943

Saturn und Saturnsring 1935

0^h Welt-Zeit	U		B		P	
1935	°		°		°	
Jan. 0	201.333	357	+12.133	174	+6.517	20
4	201.690	371	11.959	182	6.497	21
8	202.061	383	11.777	187	6.476	22
12	202.444	394	11.590	193	6.454	22
16	202.838	404	11.397	197	6.432	24
20	203.242	412	+11.200	202	+6.408	24
24	203.654	419	10.998	205	6.384	26
28	204.073	426	10.793	209	6.358	26
Febr. 1	204.499	431	10.584	212	6.332	26
5	204.930	435	10.372	213	6.306	26
9	205.365	437	+10.159	216	+6.280	28
13	205.802	439	9.943	216	6.252	28
17	206.241	440	9.727	218	6.224	28
21	206.681	440	9.509	217	6.196	28
25	207.121	438	9.292	216	6.168	28
März 1	207.559	435	+ 9.076	216	+6.140	28
5	207.994	432	8.860	213	6.112	29
9	208.426	427	8.647	211	6.083	29
13	208.853	422	8.436	208	6.054	28
17	209.275	414	8.228	204	6.026	28
21	209.689	407	+ 8.024	201	+5.998	28
25	210.096	398	7.823	195	5.970	27
29	210.494	388	7.628	191	5.943	27
April 2	210.882	377	7.437	185	5.916	27
6	211.259	366	7.252	179	5.889	26
10	211.625	354	+ 7.073	172	+5.863	25
14	211.979	340	6.901	164	5.838	24
18	212.319	325	6.737	156	5.814	24
22	212.644	310	6.581	149	5.790	22
26	212.954	294	6.432	140	5.768	21
30	213.248	277	+ 6.292	131	+5.747	20
Mai 4	213.525	259	6.161	121	5.727	19
8	213.784	240	6.040	111	5.708	18
12	214.024	221	5.929	100	5.690	16
16	214.245	201	5.829	90	5.674	15
20	214.446	180	+ 5.739	78	+5.659	13
24	214.626	159	5.661	67	5.646	12
28	214.785	137	5.594	55	5.634	10
Juni 1	214.922	115	5.539	43	5.624	9
5	215.037	92	5.496	31	5.615	6
9	215.129	68	+ 5.465	19	+5.609	5
13	215.197	45	5.446	7	5.604	3
17	215.242	22	5.439	−7	5.601	2
21	215.264	−2	5.446	18	5.599	−1
25	215.262	25	5.464	31	5.600	2
29	215.237	49	5.495	42	5.602	4
Juli 3	215.188		+ 5.537		+5.606	

0^h Welt-Zeit	U		B		P	
1935	°		°		°	
Juli 3	215.188	71	+5.537	55	+5.606	5
7	215.117	94	5.592	65	5.611	8
11	215.023	115	5.657	78	5.619	9
15	214.908	136	5.735	87	5.628	10
19	214.772	156	5.822	97	5.638	12
23	214.616	175	+5.919	107	+5.650	14
27	214.441	192	6.026	114	5.664	14
31	214.249	209	6.140	122	5.678	16
Aug. 4	214.040	223	6.262	129	5.694	17
8	213.817	236	6.391	134	5.711	18
12	213.581	247	+6.525	139	+5.729	18
16	213.334	256	6.664	142	5.747	18
20	213.078	262	6.806	145	5.765	20
24	212.816	267	6.951	145	5.785	20
28	212.549	270	7.096	146	5.805	20
Sept. 1	212.279	270	+7.242	144	+5.825	20
5	212.009	267	7.386	142	5.845	18
9	211.742	263	7.528	138	5.863	19
13	211.479	257	7.666	133	5.882	18
17	211.222	248	7.799	127	5.900	18
21	210.974	237	+7.926	120	+5.918	17
25	210.737	224	8.046	112	5.935	16
29	210.513	210	8.158	104	5.951	14
Okt. 3	210.303	193	8.262	94	5.965	13
7	210.110	174	8.356	84	5.978	12
11	209.936	154	+8.440	72	+5.990	10
15	209.782	134	8.512	62	6.000	10
19	209.648	112	8.574	49	6.010	7
23	209.536	89	8.623	37	6.017	6
27	209.447	65	8.660	25	6.023	4
31	209.382	41	+8.685	11	+6.027	3
Nov. 4	209.341	16	8.696	−1	6.030	0
8	209.325	−8	8.695	15	6.030	0
12	209.333	34	8.680	27	6.030	3
16	209.367	59	8.653	41	6.027	4
20	209.426	84	+8.612	53	+6.023	6
24	209.510	109	8.559	66	6.017	8
28	209.619	133	8.493	77	6.009	10
Dez. 2	209.752	156	8.416	91	5.999	10
6	209.908	179	8.325	102	5.989	13
10	210.087	201	+8.223	112	+5.976	14
14	210.288	223	8.111	124	5.962	16
18	210.511	243	7.987	134	5.946	17
22	210.754	263	7.853	144	5.929	19
26	211.017	282	7.709	154	5.910	20
30	211.299	299	7.555	162	5.890	21
34	211.598		+7.393		+5.869	

0h Welt-Zeit	MIMAS L	MIMAS M	MIMAS $\frac{a(\Delta)}{\Delta}\sin B$	ENCELADUS L	ENCELADUS M	ENCELADUS $\frac{a(\Delta)}{\Delta}\sin B$	TETHYS L	TETHYS M	TETHYS $\frac{a(\Delta)}{\Delta}\sin B$
1935	°	°	"	°	°	"	°		"
Mai 20	344.513	72.24	+2.58	55.375	299.7	+ 3.31	322.556		+ 4.10
Juni 5	336.246	47.97	2.54	299.093	178.0	3.26	133.729		4.03
21	327.979	23.70	2.59	182.810	56.3	3.32	304.902		4.11
Juli 7	319.712	359.43	2.73	66.526	294.6	3.50	116.076		4.33
23	311.444	335.17	2.95	310.241	173.0	3.78	287.249		4.68
Aug. 8	303.176	310.90	+3.23	193.955	51.3	+ 4.15	98.422		+ 5.14
24	294.909	286.63	3.54	77.668	289.6	4.55	269.595		5.63
Sept. 9	286.641	262.36	3.84	321.381	167.9	4.92	80.769		6.09
25	278.373	238.09	4.06	205.092	46.2	5.21	251.942		6.45
Okt. 11	270.105	213.83	4.19	88.803	284.5	5.37	63.115		6.65
27	261.837	189.56	+4.20	332.514	162.8	+ 5.39	234.288		+ 6.67
Nov. 12	253.568	165.29	4.10	216.223	41.1	5.26	45.462		6.51
28	245.300	141.02	3.90	99.931	279.4	5.01	216.635		6.20
Dez. 14	237.031	116.75	3.63	343.639	157.7	4.66	27.808		5.77
30	228.763	92.48	+3.30	227.347	36.0	+ 4.24	198.982		+ 5.25

0h Welt-Zeit	DIONE L	DIONE M	DIONE $\frac{a(\Delta)}{\Delta}\sin B$	RHEA L	RHEA M	RHEA $\frac{a(\Delta)}{\Delta}\sin B$	TITAN L	TITAN M	TITAN $\frac{a(\Delta)}{\Delta}\sin B$
1935	°	°	"	°	°	"	°	°	"
Mai 20	265.340	237.0	+5.25	169.792	353.1	+ 7.33	298.00	123.0	+17.00
Juni 5	209.896	180.2	5.17	4.831	188.2	7.22	299.23	124.2	16.73
21	154.453	123.4	5.26	199.871	23.4	7.35	300.46	125.5	17.04
Juli 7	99.010	66.6	5.54	34.910	218.5	7.74	301.70	126.7	17.95
23	43.567	9.8	6.00	229.949	53.7	8.38	302.93	127.9	19.42
Aug. 8	348.124	313.0	+6.58	64.989	248.8	+ 9.19	304.16	129.1	+21.30
24	292.681	256.2	7.21	260.029	84.0	10.07	305.39	130.3	23.35
Sept. 9	237.238	199.4	7.80	95.068	279.1	10.90	306.62	131.5	25.26
25	181.795	142.6	8.26	290.108	114.3	11.54	307.85	132.7	26.75
Okt. 11	126.352	85.8	8.52	125.147	309.4	11.90	309.08	133.9	27.58
27	70.910	29.0	+8.54	320.187	144.5	+11.93	310.31	135.1	+27.66
Nov. 12	15.467	332.2	8.34	155.226	339.7	11.65	311.54	136.3	27.01
28	320.025	275.4	7.94	350.266	174.8	11.09	312.77	137.5	25.71
Dez. 14	264.582	218.6	7.39	185.305	10.0	10.32	314.00	138.8	23.92
30	209.140	161.8	+6.72	20.344	205.1	+ 9.39	315.23	140.0	+21.76

Saturnstrabanten 1935

Bewegung der mittleren Länge L und der mittleren Anomalie M

Zeit	Mimas		Enceladus		Tethys	Dione		Rhea		Titan	
	L	M	L	M	L	L	M	L	M	L	M
d	°	°	°	°	°	°	°	°	°	°	°
1	21.9833	20.983	262.7322	262.39	190.6983	131.5348	131.45	79.6900	79.70	22.577	22.58
2	43.9666	41.966	165.4644	164.79	21.3966	263.0696	262.90	159.3800	159.40	45.154	45.15
3	65.9499	62.949	68.1966	67.18	212.0949	34.6044	34.35	239.0700	239.10	67.731	67.72
4	87.9333	83.932	330.9287	329.58	42.7932	166.1392	165.80	318.7600	318.80	90.307	90.30
5	109.9166	104.916	233.6609	231.97	233.4916	297.6741	297.25	38.4500	38.50	112.884	112.88
6	131.8999	125.899	136.3931	134.36	64.1899	69.2089	68.70	118.1400	118.20	135.461	135.45
7	153.8832	146.882	39.1253	36.76	254.8882	200.7437	200.15	197.8300	197.90	158.038	158.02
8	175.8665	167.865	301.8575	299.15	85.5865	332.2785	331.60	277.5200	277.60	180.615	180.60
9	197.8498	188.848	204.5897	201.54	276.2848	103.8133	103.05	357.2100	357.30	203.192	203.18
10	219.8331	209.831	107.3219	103.94	106.9831	235.3481	234.50	76.9000	77.00	225.769	225.75
11	241.8164	230.814	10.0541	6.33	297.6814	6.8829	5.95	156.5900	156.70	248.346	248.32
12	263.7998	251.798	272.7863	268.72	128.3798	138.4177	137.40	236.2800	236.40	270.923	270.90
13	285.7831	272.781	175.5184	171.12	319.0781	269.9526	268.85	315.9700	316.10	293.499	293.48
14	307.7664	293.764	78.2506	73.51	149.7764	41.4874	40.30	35.6600	35.80	316.076	316.05
15	329.7497	314.747	340.9828	335.91	340.4747	173.0222	171.75	115.3500	115.50	338.653	338.62
16	351.7330	335.730	243.7150	238.30	171.1730	304.5570	303.20	195.0400	195.20	361.230	361.20
d	°	°	°	°	°	°	°	°	°	°	°
0.1	38.1983	38.098	26.2732	26.24	19.0698	13.1535	13.14	7.9690	7.97	2.258	2.26
0.2	76.3967	76.197	52.5464	52.48	38.1397	26.3070	26.29	15.9380	15.94	4.515	4.52
0.3	114.5950	114.295	78.8197	78.72	57.2095	39.4604	39.44	23.9070	23.91	6.773	6.77
0.4	152.7933	152.393	105.0929	104.96	76.2793	52.6139	52.58	31.8760	31.88	9.031	9.03
0.5	190.9917	190.492	131.3661	131.20	95.3492	65.7674	65.72	39.8450	39.85	11.288	11.29
0.6	229.1900	228.590	157.6393	157.44	114.4190	78.9209	78.87	47.8140	47.82	13.546	13.54
0.7	267.3883	266.688	183.9125	183.68	133.4888	92.0744	92.02	55.7830	55.79	15.804	15.80
0.8	305.5867	304.787	210.1858	209.92	152.5586	105.2278	105.16	63.7520	63.76	18.062	18.06
0.9	343.7850	342.885	236.4590	236.15	171.6285	118.3813	118.30	71.7210	71.73	20.319	20.32
1.0	381.9833	380.983	262.7322	262.39	190.6983	131.5348	131.45	79.6900	79.70	22.577	22.58
d	°	°	°	°	°	°	°	°	°	°	°
0.01	3.8198	3.810	2.6273	2.62	1.9070	1.3153	1.31	0.7969	0.80	0.226	0.23
0.02	7.6397	7.620	5.2546	5.25	3.8140	2.6307	2.63	1.5938	1.59	0.452	0.45
0.03	11.4595	11.429	7.8820	7.87	5.7209	3.9460	3.94	2.3907	2.39	0.677	0.68
0.04	15.2793	15.239	10.5093	10.50	7.6279	5.2614	5.26	3.1876	3.19	0.903	0.90
0.05	19.0992	19.049	13.1366	13.12	9.5349	6.5767	6.57	3.9845	3.98	1.129	1.13
0.06	22.9190	22.859	15.7639	15.74	11.4419	7.8921	7.89	4.7814	4.78	1.355	1.35
0.07	26.7388	26.669	18.3913	18.37	13.3489	9.2074	9.20	5.5783	5.58	1.580	1.58
0.08	30.5587	30.479	21.0186	20.99	15.2559	10.5228	10.52	6.3752	6.38	1.806	1.81
0.09	34.3785	34.288	23.6459	23.62	17.1628	11.8381	11.83	7.1721	7.17	2.032	2.03
0.10	38.1983	38.098	26.2732	26.24	19.0698	13.1535	13.14	7.9690	7.97	2.258	2.26
d	°	°	°	°	°	°	°	°	°	°	°
0.001	0.3820	0.381	0.2627	0.26	0.1907	0.1315	0.13	0.0797	0.08	0.023	0.02
0.002	0.7640	0.762	0.5255	0.52	0.3814	0.2631	0.26	0.1594	0.16	0.045	0.05
0.003	1.1459	1.143	0.7882	0.79	0.5721	0.3946	0.39	0.2391	0.24	0.068	0.07
0.004	1.5279	1.524	1.0509	1.05	0.7628	0.5261	0.53	0.3188	0.32	0.090	0.09
0.005	1.9099	1.905	1.3137	1.31	0.9535	0.6577	0.66	0.3984	0.40	0.113	0.11
0.006	2.2919	2.286	1.5764	1.57	1.1442	0.7892	0.79	0.4781	0.48	0.135	0.14
0.007	2.6739	2.667	1.8391	1.84	1.3349	0.9207	0.92	0.5578	0.56	0.158	0.16
0.008	3.0559	3.048	2.1019	2.10	1.5256	1.0523	1.05	0.6375	0.64	0.181	0.18
0.009	3.4378	3.429	2.3646	2.36	1.7163	1.1838	1.18	0.7172	0.72	0.203	0.20
0.010	3.8198	3.810	2.6273	2.62	1.9070	1.3153	1.31	0.7969	0.80	0.226	0.23

0^h Welt-Zeit	ϑ Mimas	ϑ Encel.	ϑ Tethys	ϑ Dione	ϑ Rhea	γ Rhea	N Saturnsring	J Saturnsring	ω Saturnsring
1935	°	°	°	°	°	′	°	°	°
Jan. — 4	140.2	57.3	267.9	171.4	278.4	21.62	127.832	6.774	41.875
+12	124.2	50.6	264.7	170.1	278.0	21.63	127.834	6.774	41.874
28	108.2	43.9	261.5	168.7	277.6	21.64	127.836	6.774	41.873
Febr. 13	92.2	37.2	258.4	167.4	277.2	21.65	127.838	6.773	41.871
März 1	76.2	30.5	255.2	166.0	276.8	21.66	127.839	6.773	41.870
17	60.2	23.8	252.0	164.6	276.5	21.68	127.841	6.773	41.869
April 2	44.2	17.2	248.8	163.3	275.9	21.69	127.843	6.773	41.867
18	28.2	10.5	245.7	161.9	275.5	21.70	127.845	6.773	41.866
Mai 4	12.2	3.8	242.5	160.6	275.1	21.71	127.847	6.772	41.865
20	356.2	357.1	239.3	159.2	274.7	21.72	127.849	6.772	41.864
Juni 5	340.2	350.4	236.1	157.8	274.2	21.73	127.850	6.772	41.862
21	324.2	343.7	232.9	156.5	273.8	21.75	127.852	6.772	41.861
Juli 7	308.1	337.0	229.8	155.1	273.4	21.76	127.854	6.772	41.860
23	292.1	330.3	226.6	153.8	273.0	21.77	127.856	6.772	41.859
Aug. 8	276.1	323.7	223.4	152.4	272.5	21.78	127.858	6.771	41.857
24	260.1	317.0	220.2	151.0	272.1	21.79	127.859	6.771	41.856
Sept. 9	244.1	310.3	217.1	149.7	271.7	21.81	127.861	6.771	41.855
25	228.1	303.6	213.9	148.3	271.3	21.82	127.863	6.771	41.853
Okt. 11	212.1	296.9	210.7	147.0	270.9	21.83	127.865	6.771	41.852
27	196.1	290.2	207.5	145.6	270.4	21.84	127.867	6.770	41.851
Nov. 12	180.1	283.4	204.3	144.2	270.0	21.85	127.869	6.770	41.850
28	164.1	276.7	201.2	142.9	269.6	21.86	127.870	6.770	41.848
Dez. 14	148.1	270.1	198.0	141.5	269.2	21.88	127.872	6.770	41.847
30	132.1	263.4	194.8	140.2	268.8	21.89	127.874	6.770	41.846
46	116.1	256.6	191.6	138.8	268.3	21.90	127.876	6.769	41.845

$\log \frac{1}{1+\zeta}$, in Einheiten der 5. Dezimale

$u-U$	$u-U$	Mimas	Encel.	Tethys	Dione	Rhea	$u-U$	$u-U$
0°	360°	−6+	−7+	−9+	−11+	−16+	180°	180°
10	350	−6+	−7+	−9+	−11+	−16+	170	190
20	340	−5+	−7+	−8+	−11+	−15+	160	200
30	330	−5+	−6+	−8+	−10+	−14+	150	210
40	320	−4+	−6+	−7+	− 9+	−12+	140	220
50	310	−3+	−5+	−6+	− 8+	−10+	130	230
60	300	−3+	−4+	−4+	− 6+	− 8+	120	240
70	290	−2+	−3+	−3+	− 4+	− 6+	110	250
80	280	−1+	−1+	−2+	− 2+	− 3+	100	260
90	270	0	0	0	0	0	90	270

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0h Welt-Zeit	HYPERION U	Δ	Δ²	HYPERION B	Δ	HYPERION P	Δ	JAPETUS U	Δ	Δ²	JAPETUS B	Δ	JAPETUS P	Δ
1935	°			°		°		°			°		°	
Jan. −4	198.017	704		+12.699	342	+6.444	33	276.093	729		+0.212	241	−1.576	186
+4	198.721	757	53	12.357	367	6.411	37	276.822	785	56	−0.029	257	1.762	199
12	199.478	801	44	11.990	390	6.374	40	277.607	832	47	0.286	271	1.961	210
20	200.279	835	34	11.600	407	6.334	43	278.439	870	38	0.557	280	2.171	219
28	201.114	859	24	11.193	420	6.291	45	279.309	899	29	0.837	287	2.390	225
Febr. 5	201.973	876	17	+10.773	429	+6.246	48	280.208	917	18	−1.124	289	−2.615	229
13	202.849	882	6	10.344	433	6.198	49	281.125	927	10	1.413	290	2.844	229
21	203.731	881	‾1	9.911	433	6.149	50	282.052	927	0	1.703	287	3.073	229
März 1	204.612	870	11	9.478	429	6.099	50	282.979	918	9	1.990	281	3.302	225
9	205.482	851	19	9.049	418	6.049	50	283.897	900	18	2.271	272	3.527	219
17	206.333	824	27	+ 8.631	405	+5.999	50	284.797	873	27	−2.543	260	−3.746	212
25	207.157	789	35	8.226	387	5.949	49	285.670	838	35	2.803	245	3.958	202
April 2	207.946	746	43	7.839	364	5.900	46	286.508	792	46	3.048	228	4.160	190
10	208.692	695	51	7.475	336	5.854	44	287.300	740	52	3.276	208	4.350	176
18	209.387	637	58	7.139	306	5.810	41	288.040	679	61	3.484	187	4.526	162
26	210.024	573	64	+ 6.833	271	+5.769	37	288.719	611	68	−3.671	164	−4.688	144
Mai 4	210.597	501	72	6.562	232	5.732	33	289.330	533	78	3.835	136	4.832	126
12	211.098	424	77	6.330	191	5.699	28	289.863	450	83	3.971	108	4.958	105
20	211.522	341	83	6.139	146	5.671	22	290.313	362	88	4.079	80	5.063	85
28	211.863	253	88	5.993	98	5.649	16	290.675	266	96	4.159	50	5.148	63
Juni 5	212.116	162	91	+ 5.895	50	+5.633	10	290.941	168	98	−4.209	18	−5.211	39
13	212.278	68	94	5.845	1	5.623	5	291.109	68	100	4.227	‾12	5.250	16
21	212.346	‾25	93	5.844	‾48	5.618	‾3	291.177	‾34	102	4.215	43	5.266	‾7
29	212.321	118	93	5.892	97	5.621	9	291.143	134	100	4.172	73	5.259	30
Juli 7	212.203	207	89	5.989	143	5.630	15	291.009	230	96	4.099	101	5.229	53
15	211.996	291	84	+ 6.132	184	+5.645	21	290.779	319	89	−3.998	127	−5.176	74
23	211.705	366	75	6.316	221	5.666	26	290.460	399	80	3.871	149	5.102	93
31	211.339	431	65	6.537	250	5.692	30	290.061	468	69	3.722	167	5.009	109
Aug. 8	210.908	481	50	6.787	272	5.722	33	289.593	521	53	3.555	180	4.900	122
16	210.427	517	36	7.059	286	5.755	35	289.072	557	36	3.375	188	4.778	132
24	209.910	535	18	+ 7.345	292	+5.790	35	288.515	576	19	−3.187	191	−4.646	136
Sept. 1	209.375	536	1	7.637	286	5.825	35	287.939	574	‾2	2.996	185	4.510	137
9	208.839	520	‾16	7.923	270	5.860	35	287.365	554	20	2.811	176	4.373	132
17	208.319	484	36	8.193	247	5.895	32	286.811	516	38	2.635	160	4.241	124
25	207.835	432	52	8.440	216	5.927	27	286.295	459	57	2.475	138	4.117	111
Okt. 3	207.403	366	66	+ 8.656	177	+5.954	23	285.836	386	73	−2.337	112	−4.006	93
11	207.037	287	79	8.833	133	5.977	18	285.450	303	83	2.225	83	3.913	74
19	206.750	200	87	8.966	86	5.995	12	285.147	209	94	2.142	51	3.839	51
27	206.550	105	95	9.052	35	6.007	7	284.938	108	101	2.091	17	3.788	26
Nov. 4	206.445	5	100	9.087	‾16	6.014	0	284.830	3	105	2.074	‾17	3.762	1
12	206.440	‾95	100	+ 9.071	68	+6.014	6	284.827	‾104	107	−2.091	51	−3.761	‾25
20	206.535	194	99	9.003	120	6.008	12	284.931	210	106	2.142	85	3.786	51
28	206.729	291	97	8.883	168	5.996	18	285.141	312	102	2.227	117	3.837	75
Dez. 6	207.020	382	91	8.715	215	5.978	24	285.453	410	98	2.344	146	3.912	99
14	207.402	468	86	8.500	258	5.954	29	285.863	501	91	2.490	174	4.011	121
22	207.870	547	79	8.242	298	5.925	35	286.364	586	85	2.664	198	4.132	140
30	208.417			+ 7.944		+5.890		286.950			−2.862		−4.272	

0h Welt-Zeit	HYPERION $\alpha_{tr}-\alpha_{pl}$		HYPERION $\delta_{tr}-\delta_{pl}$	
1935	s	s	"	"
Mai 20	− 7.9	+7.1	+32	− 7
22	− 0.8	+7.3	+25	−14
24	+ 6.5	+5.4	+11	−17
26	+11.9	+1.4	− 6	−15
28	+13.3	−3.8	−21	− 6
30	+ 9.5	−7.9	−27	+ 5
Juni 1	+ 1.6	−8.7	−22	+14
3	− 7.1	−6.0	− 8	+18
5	−13.1	−1.8	+10	+15
7	−14.9	+2.6	+25	+ 7
9	−12.3	+5.9	+32	− 1
11	− 6.4	+7.7	+31	−10
13	+ 1.3	+7.3	+21	−15
15	+ 8.6	+4.7	+ 6	−17
17	+13.3	−0.1	−11	−14
19	+13.2	−5.5	−25	− 3
21	+ 7.7	−8.9	−28	+ 9
23	− 1.2	−8.4	−19	+17
25	− 9.6	−5.1	− 2	+18
27	−14.7	−0.4	+16	+13
29	−15.1	+3.9	+29	+ 5
Juli 1	−11.2	+6.9	+34	− 4
3	− 4.3	+8.1	+30	−12
5	+ 3.8	+7.0	+18	−17
7	+10.8	+3.5	+ 1	−18
9	+14.3	−1.9	−17	−11
11	+12.4	−7.2	−28	0
13	+ 5.2	−9.4	−28	+12
15	− 4.2	−7.9	−16	+19
17	−12.1	−3.7	+ 3	+18
19	−15.8	+1.0	+21	+12
21	−14.8	+5.2	+33	+ 3
23	− 9.6	+7.8	+36	− 6
25	− 1.8	+8.3	+30	−15
27	+ 6.5	+6.3	+15	−20
29	+12.8	+2.0	− 5	−18
31	+14.8	−4.1	−23	− 9
Aug. 2	+10.7	−8.6	−32	+ 4
4	+ 2.1		−28	

0h Welt-Zeit	HYPERION $\alpha_{tr}-\alpha_{pl}$		HYPERION $\delta_{tr}-\delta_{pl}$	
1935	s	s	"	"
Aug. 4	+ 2.1	−9.5	−28	+16
6	− 7.4	−6.9	−12	+21
8	−14.3	−2.1	+ 9	+18
10	−16.4	+2.7	+27	+11
12	−13.7	+6.5	+38	+ 1
14	− 7.2	+8.4	+39	−10
16	+ 1.2	+8.0	+29	−18
18	+ 9.2	+5.1	+11	−21
20	+14.3	−0.1	−10	−18
22	+14.2	−6.0	−28	− 7
24	+ 8.2	−9.5	−35	+ 9
26	− 1.3	−9.1	−26	+19
28	−10.4	−5.3	− 7	+23
30	−15.7	−0.4	+16	+18
Sept. 1	−16.1	+4.3	+34	+ 8
3	−11.8	+7.4	+42	− 2
5	− 4.4	+8.7	+40	−14
7	+ 4.3	+7.3	+26	−21
9	+11.6	+3.4	+ 5	−23
11	+15.0	−2.3	−18	−16
13	+12.7	−7.7	−34	− 2
15	+ 5.0	−9.9	−36	+13
17	− 4.9	−7.9	−23	+23
19	−12.8	−3.5	0	+23
21	−16.3	+1.4	+23	+16
23	−14.9	+5.6	+39	+ 6
25	− 9.3	+8.1	+45	− 6
27	− 1.2	+8.3	+39	−17
29	+ 7.1	+6.1	+22	−24
Okt. 1	+13.2	+1.4	− 2	−23
3	+14.6	−4.4	−25	−13
5	+10.2	−8.8	−38	+ 4
7	+ 1.4	−9.4	−34	+18
9	− 8.0	−6.4	−16	+24
11	−14.4	−1.6	+ 8	+22
13	−16.0	+3.0	+30	+13
15	−13.0	+6.6	+43	+ 2
17	− 6.4	+8.2	+45	−11
19	+ 1.8		+34	

0h Welt-Zeit	HYPERION $\alpha_{tr}-\alpha_{pl}$		HYPERION $\delta_{tr}-\delta_{pl}$	
1935	s	s	"	"
Okt. 19	+ 1.8	+7.7	+34	−20
21	+ 9.5	+4.5	+14	−24
23	+14.0	−0.8	−10	−21
25	+13.2	−6.0	−31	− 7
27	+ 7.2	−9.2	−38	+ 8
29	− 2.0	−8.4	−30	+21
31	−10.4	−4.7	− 9	+25
Nov. 2	−15.1	+0.1	+16	+19
4	−15.0	+4.3	+35	+ 9
6	−10.7	+7.2	+44	− 2
8	− 3.5	+8.0	+42	−14
10	+ 4.5	+6.6	+28	−22
12	+11.1	+2.8	+ 6	−24
14	+13.9	−2.6	−18	−16
16	+11.3	−7.3	−34	− 2
18	+ 4.0	−9.0	−36	+14
20	− 5.0	−7.1	−22	+22
22	−12.1	−2.9	0	+22
24	−15.0	+1.6	+22	+15
26	−13.4	+5.2	+37	+ 5
28	− 8.2	+7.4	+42	− 6
30	− 0.8	+7.6	+36	−17
Dez. 2	+ 6.8	+5.3	+19	−22
4	+12.1	+1.0	− 3	−21
6	+13.1	−4.2	−24	−10
8	+ 8.9	−8.1	−34	+ 4
10	+ 0.8	−8.3	−30	+16
12	− 7.5	−5.6	−14	+22
14	−13.1	−1.3	+ 8	+19
16	−14.4	+2.7	+27	+10
18	−11.7	+6.0	+37	+ 1
20	− 5.7	+7.4	+38	−10
22	+ 1.7	+6.8	+28	−18
24	+ 8.5	+4.0	+10	−21
26	+12.5	−0.7	−11	−16
28	+11.8	−5.6	−27	− 4
30	+ 6.2	−8.2	−31	+ 8
32	− 2.0		−23	

Saturnstrabanten 1935

0h Welt-Zeit	JAPETUS $\alpha_{tr}-\alpha_{pl}$ (s)	Diff. (s)	$\delta_{tr}-\delta_{pl}$ (″)	Diff. (″)
1935 Mai 20	+25.8	+3.1	+13	+ 9
22	+28.9	+2.3	+22	+ 8
24	+31.2	+1.5	+30	+ 7
26	+32.7	+0.7	+37	+ 7
28	+33.4	−0.2	+44	+ 6
30	+33.2	−1.0	+50	+ 5
Juni 1	+32.2	−1.8	+55	+ 3
3	+30.4	−2.6	+58	+ 2
5	+27.8	−3.2	+60	0
7	+24.6	−3.9	+60	− 1
9	+20.7	−4.4	+59	− 3
11	+16.3	−4.9	+56	− 4
13	+11.4	−5.2	+52	− 5
15	+ 6.2	−5.3	+47	− 6
17	+ 0.9	−5.4	+41	− 8
19	− 4.5	−5.3	+33	− 8
21	− 9.8	−5.1	+25	− 9
23	−14.9	−4.9	+16	− 9
25	−19.8	−4.4	+ 7	−10
27	−24.2	−3.9	− 3	−10
29	−28.1	−3.2	−13	− 9
Juli 1	−31.3	−2.5	−22	− 9
3	−33.8	−1.7	−31	− 8
5	−35.5	−0.9	−39	− 7
7	−36.4	0.0	−46	− 6
9	−36.4	+0.9	−52	− 4
11	−35.5	+1.8	−56	− 3
13	−33.7	+2.7	−59	− 2
15	−31.0	+3.5	−61	0
17	−27.5	+4.3	−61	+ 2
19	−23.2	+4.9	−59	+ 3
21	−18.3	+5.4	−56	+ 5
23	−12.9	+5.8	−51	+ 6
25	− 7.1	+6.1	−45	+ 8
27	− 1.0	+6.1	−37	+ 9
29	+ 5.1	+5.9	−28	+ 9
31	+11.0	+5.6	−19	+10
Aug. 2	+16.6	+5.3	− 9	+10
4	+21.9		+ 1	

0h Welt-Zeit	JAPETUS $\alpha_{tr}-\alpha_{pl}$ (s)	Diff. (s)	$\delta_{tr}-\delta_{pl}$ (″)	Diff. (″)
1935 Aug. 4	+21.9	+4.7	+ 1	+10
6	+26.6	+4.0	+11	+ 9
8	+30.6	+3.1	+20	+ 8
10	+33.7	+2.2	+28	+ 8
12	+35.9	+1.2	+36	+ 7
14	+37.1	+0.2	+43	+ 6
16	+37.3	−0.8	+49	+ 4
18	+36.5	−1.7	+53	+ 2
20	+34.8	−2.6	+55	0
22	+32.2	−3.5	+55	0
24	+28.7	−4.2	+55	− 2
26	+24.5	−4.8	+53	− 3
28	+19.7	−5.4	+50	− 4
30	+14.3	−5.7	+46	− 6
Sept. 1	+ 8.6	−5.9	+40	− 7
3	+ 2.7	−6.0	+33	− 7
5	− 3.3	−5.9	+26	− 8
7	− 9.2	−5.7	+18	− 8
9	−14.9	−5.3	+10	− 8
11	−20.2	−4.8	+ 2	− 8
13	−25.0	−4.2	− 6	− 8
15	−29.2	−3.5	−14	− 7
17	−32.7	−2.7	−21	− 6
19	−35.4	−1.9	−27	− 6
21	−37.3	−0.9	−33	− 5
23	−38.2	0.0	−38	− 3
25	−38.2	+1.0	−41	− 2
27	−37.2	+1.9	−43	− 2
29	−35.3	+2.8	−45	0
Okt. 1	−32.5	+3.7	−45	+ 1
3	−28.8	+4.4	−44	+ 2
5	−24.4	+4.9	−42	+ 4
7	−19.5	+5.5	−38	+ 5
9	−14.0	+5.8	−33	+ 5
11	− 8.2	+6.0	−28	+ 6
13	− 2.2	+6.1	−22	+ 6
15	+ 3.9	+5.9	−16	+ 6
17	+ 9.8	+5.6	−10	+ 7
19	+15.4		− 3	

0h Welt-Zeit	JAPETUS $\alpha_{tr}-\alpha_{pl}$ (s)	Diff. (s)	$\delta_{tr}-\delta_{pl}$ (″)	Diff. (″)
1935 Okt. 19	+15.4	+5.1	− 3	+7
21	+20.5	+4.6	+ 4	+7
23	+25.1	+3.9	+11	+6
25	+29.0	+3.0	+17	+6
27	+32.0	+2.1	+23	+5
29	+34.1	+1.2	+28	+4
31	+35.3	+0.3	+32	+3
Nov. 2	+35.6	−0.7	+35	+2
4	+34.9	−1.6	+37	+1
6	+33.3	−2.3	+38	+1
8	+31.0	−3.2	+39	−1
10	+27.8	−3.8	+38	−1
12	+24.0	−4.4	+37	−2
14	+19.6	−4.8	+35	−3
16	+14.8	−5.1	+32	−4
18	+ 9.7	−5.3	+28	−4
20	+ 4.4	−5.4	+24	−5
22	− 1.0	−5.3	+19	−5
24	− 6.3	−5.2	+14	−6
26	−11.5	−4.8	+ 8	−6
28	−16.3	−4.4	+ 2	−6
30	−20.7	−3.9	− 4	−6
Dez. 2	−24.6	−3.3	−10	−6
4	−27.9	−2.7	−16	−5
6	−30.6	−1.9	−21	−5
8	−32.5	−1.2	−26	−4
10	−33.7	−0.4	−30	−4
12	−34.1	+0.4	−34	−3
14	−33.7	+1.2	−37	−2
16	−32.5	+2.0	−39	−2
18	−30.5	+2.7	−41	−1
20	−27.8	+3.4	−42	+1
22	−24.4	+4.0	−41	+2
24	−20.4	+4.4	−39	+2
26	−16.0	+4.8	−37	+3
28	−11.2	+5.0	−34	+4
30	− 6.2	+5.2	−30	+5
32	− 1.0		−25	

Östliche Elongationen (in Welt-Zeit)

MIMAS

		h			h			h			h			h
Mai	20	21.5	Juli	3	5.9	Aug.	15	14.2	Sept.	27	22.4	Nov.	10	7.0
	21	20.1		4	4.5		16	12.8		28	21.0		11	5.6
	22	18.7		5	3.2		17	11.4		29	19.7		12	4.2
	23	17.3		6	1.8		18	10.0		30	18.3		13	2.8
	24	15.9		7	0.4		19	8.6	Okt.	1	16.9		14	1.4
	25	14.6		7	23.0		20	7.2		2	15.5		15	0.1
	26	13.2		8	21.6		21	5.9		3	14.2		15	22.7
	27	11.8		9	20.2		22	4.5		4	12.8		16	21.3
	28	10.4		10	18.8		23	3.1		5	11.4		17	19.9
	29	9.1		11	17.4		24	1.7		6	10.0		18	18.6
	30	7.7		12	16.1		25	0.3		7	8.6		19	17.2
	31	6.3		13	14.7		25	22.9		8	7.3		20	15.8
Juni	1	4.9		14	13.3		26	21.5		9	5.9		21	14.4
	2	3.5		15	11.9		27	20.1		10	4.5		22	13.1
	3	2.2		16	10.5		28	18.7		11	3.1		23	11.7
	4	0.8		17	9.1		29	17.4		12	1.7		24	10.3
	4	23.4		18	7.7		30	16.0		13	0.3		25	8.9
	5	22.0		19	6.3		31	14.6		13	22.9		26	7.6
	6	20.6		20	5.0	Sept.	1	13.2		14	21.5		27	6.2
	7	19.2		21	3.6		2	11.9		15	20.2		28	4.8
	8	17.8		22	2.2		3	10.5		16	18.8		29	3.4
	9	16.4		23	0.8		4	9.1		17	17.4		30	2.0
	10	15.1		23	23.4		5	7.7		18	16.0	Dez.	1	0.7
	11	13.7		24	22.0		6	6.3		19	14.7		1	23.3
	12	12.3		25	20.6		7	5.0		20	13.3		2	21.9
	13	10.9		26	19.2		8	3.6		21	11.9		3	20.5
	14	9.6		27	17.8		9	2.2		22	10.5		4	19.2
	15	8.2		28	16.5		10	0.8		23	9.1		5	17.8
	16	6.8		29	15.1		10	23.4		24	7.8		6	16.4
	17	5.4		30	13.7		11	22.0		25	6.4		7	15.0
	18	4.0		31	12.3		12	20.6		26	5.0		8	13.7
	19	2.7	Aug.	1	11.0		13	19.2		27	3.6		9	12.3
	20	1.3		2	9.6		14	17.9		28	2.2		10	10.9
	20	23.9		3	8.2		15	16.5		29	0.8		11	9.5
	21	22.5		4	6.8		16	15.1		29	23.5		12	8.2
	22	21.1		5	5.4		17	13.7		30	22.1		13	6.8
	23	19.7		6	4.1		18	12.3		31	20.7		14	5.4
	24	18.3		7	2.7		19	10.9	Nov.	1	19.3		15	4.0
	25	16.9		8	1.3		20	9.5		2	18.0		16	2.6
	26	15.6		8	23.9		21	8.2		3	16.6		17	1.3
	27	14.2		9	22.5		22	6.8		4	15.2		17	23.9
	28	12.8		10	21.1		23	5.4		5	13.8		18	22.5
	29	11.4		11	19.7		24	4.0		6	12.5		19	21.1
	30	10.1		12	18.3		25	2.6		7	11.1		20	19.8
Juli	1	8.7		13	17.0		26	1.2		8	9.7		21	18.4
	2	7.3		14	15.6		26	23.8		9	8.3		22	17.0

Östliche Elongationen (in Welt-Zeit)

MIMAS

		h
Dez.	23	15.6
	24	14.3
	25	12.9
	26	11.5
	27	10.1
	28	8.8
	29	7.4
	30	6.0
	31	4.6
	32	3.2

ENCELADUS

		h
Mai	21	0.1
	22	9.0
	23	17.9
	25	2.8
	26	11.7
	27	20.6
	29	5.4
	30	14.3
	31	23.2
Juni	2	8.1
	3	17.0
	5	1.9
	6	10.8
	7	19.7
	9	4.6
	10	13.4
	11	22.3
	13	7.2
	14	16.1
	16	1.0
	17	9.9
	18	18.7
	20	3.6
	21	12.5
	22	21.4
	24	6.3
	25	15.2

ENCELADUS

		h
Juni	27	0.0
	28	8.9
	29	17.8
Juli	1	2.7
	2	11.6
	3	20.5
	5	5.3
	6	14.2
	7	23.1
	9	8.0
	10	16.8
	12	1.7
	13	10.6
	14	19.5
	16	4.3
	17	13.2
	18	22.1
	20	7.0
	21	15.8
	23	0.7
	24	9.6
	25	18.5
	27	3.4
	28	12.2
	29	21.1
	31	6.0
Aug.	1	14.9
	2	23.8
	4	8.7
	5	17.5
	7	2.4
	8	11.3
	9	20.2
	11	5.0
	12	13.9
	13	22.8
	15	7.7
	16	16.5
	18	1.4
	19	10.3
	20	19.2
	22	4.0
	23	12.9
	24	21.8
	26	6.7
	27	15.5

ENCELADUS

		h
Aug.	29	0.4
	30	9.3
	31	18.2
Sept.	2	3.0
	3	11.9
	4	20.8
	6	5.7
	7	14.5
	8	23.4
	10	8.3
	11	17.2
	13	2.1
	14	10.9
	15	19.8
	17	4.7
	18	13.6
	19	22.5
	21	7.4
	22	16.2
	24	1.1
	25	10.0
	26	18.9
	28	3.7
	29	12.6
	30	21.5
Okt.	2	6.4
	3	15.2
	5	0.1
	6	9.0
	7	17.9
	9	2.7
	10	11.6
	11	20.5
	13	5.4
	14	14.3
	15	23.2
	17	8.0
	18	16.9
	20	1.8
	21	10.7
	22	19.6
	24	4.5
	25	13.3
	26	22.2
	28	7.1
	29	16.0

ENCELADUS

		h
Okt.	31	0.9
Nov.	1	9.8
	2	18.7
	4	3.6
	5	12.4
	6	21.3
	8	6.2
	9	15.1
	11	0.0
	12	8.9
	13	17.8
	15	2.7
	16	11.6
	17	20.5
	19	5.4
	20	14.3
	21	23.1
	23	8.0
	24	16.9
	26	1.8
	27	10.7
	28	19.6
	30	4.5
Dez.	1	13.4
	2	22.3
	4	7.2
	5	16.1
	7	1.0
	8	9.8
	9	18.7
	11	3.6
	12	12.5
	13	21.4
	15	6.3
	16	15.2
	18	0.1
	19	9.0
	20	17.9
	22	2.8
	23	11.7
	24	20.6
	26	5.5
	27	14.4
	28	23.3
	30	8.2
	31	17.1

TETHYS

		h
Mai	21	20.4
	23	17.7
	25	15.0
	27	12.3
	29	9.6
	31	7.0
Juni	2	4.3
	4	1.6
	5	22.9
	7	20.2
	9	17.5
	11	14.8
	13	12.1
	15	9.4
	17	6.7
	19	4.0
	21	1.3
	22	22.6
	24	19.9
	26	17.2
	28	14.5
	30	11.9
Juli	2	9.2
	4	6.5
	6	3.8
	8	1.1
	9	22.4
	11	19.7
	13	17.0
	15	14.3
	17	11.5
	19	8.8
	21	6.1
	23	3.4
	25	0.7
	26	22.0
	28	19.3
	30	16.6
Aug.	1	13.9
	3	11.2
	5	8.5
	7	5.8
	9	3.1
	11	0.4
	12	21.7
	14	19.0

Östliche Elongationen (in Welt-Zeit)

TETHYS

Monat	Tag	h
Aug.	16	16.3
	18	13.5
	20	10.8
	22	8.1
	24	5.4
	26	2.7
	28	0.0
	29	21.3
	31	18.6
Sept.	2	15.8
	4	13.1
	6	10.4
	8	7.7
	10	5.0
	12	2.3
	13	23.6
	15	20.9
	17	18.2
	19	15.5
	21	12.8
	23	10.1
	25	7.4
	27	4.7
	29	2.0
	30	23.3
Okt.	2	20.6
	4	17.8
	6	15.1
	8	12.4
	10	9.7
	12	7.0
	14	4.3
	16	1.6
	17	22.9
	19	20.2
	21	17.6
	23	14.9
	25	12.2
	27	9.5
	29	6.8
	31	4.1
Nov.	2	1.4
	3	22.7
	5	20.0
	7	17.3
	9	14.6

TETHYS

Monat	Tag	h
Nov.	11	11.9
	13	9.2
	15	6.5
	17	3.9
	19	1.2
	20	22.5
	22	19.8
	24	17.1
	26	14.5
	28	11.8
	30	9.1
Dez.	2	6.4
	4	3.8
	6	1.1
	7	22.4
	9	19.7
	11	17.1
	13	14.4
	15	11.7
	17	9.0
	19	6.4
	21	3.7
	23	1.0
	24	22.3
	26	19.6
	28	17.0
	30	14.3
	32	11.6

DIONE

Monat	Tag	h
Mai	20	8.5
	23	2.2
	25	19.9
	28	13.6
	31	7.3
Juni	3	1.0
	5	18.7

DIONE

Monat	Tag	h
Juni	8	12.4
	11	6.1
	13	23.8
	16	17.4
	19	11.1
	22	4.8
	24	22.5
	27	16.2
	30	9.9
Juli	3	3.5
	5	21.2
	8	14.9
	11	8.6
	14	2.3
	16	19.9
	19	13.6
	22	7.2
	25	0.9
	27	18.5
	30	12.2
Aug.	2	5.8
	4	23.5
	7	17.1
	10	10.8
	13	4.5
	15	22.1
	18	15.8
	21	9.4
	24	3.1
	26	20.7
	29	14.4
Sept.	1	8.0
	4	1.7
	6	19.3
	9	13.0
	12	6.6
	15	0.3
	17	17.9
	20	11.6
	23	5.2
	25	22.9
	28	16.6
Okt.	1	10.3
	4	3.9
	6	21.6
	9	15.2

DIONE

Monat	Tag	h
Okt.	12	8.9
	15	2.6
	17	20.3
	20	14.0
	23	7.6
	26	1.3
	28	19.0
	31	12.7
Nov.	3	6.4
	6	0.1
	8	17.7
	11	11.4
	14	5.1
	16	22.8
	19	16.5
	22	10.2
	25	3.9
	27	21.6
	30	15.3
Dez.	3	9.0
	6	2.7
	8	20.5
	11	14.2
	14	7.9
	17	1.6
	19	19.3
	22	13.0
	25	6.8
	28	0.5
	30	18.2
	33	11.9

RHEA

Monat	Tag	h
Mai	21	17.9
	26	6.4
	30	18.8
Juni	4	7.3
	8	19.7

RHEA

Monat	Tag	h
Juni	13	8.1
	17	20.6
	22	9.0
	26	21.4
Juli	1	9.8
	5	22.2
	10	10.6
	14	23.0
	19	11.3
	23	23.7
	28	12.1
Aug.	2	0.4
	6	12.8
	11	1.1
	15	13.4
	20	1.8
	24	14.1
	29	2.4
Sept.	2	14.8
	7	3.1
	11	15.4
	16	3.7
	20	16.1
	25	4.4
	29	16.8
Okt.	4	5.2
	8	17.5
	13	5.9
	17	18.3
	22	6.7
	26	19.0
	31	7.4
Nov.	4	19.8
	9	8.3
	13	20.7
	18	9.2
	22	21.6
	27	10.1
Dez.	1	22.5
	6	11.0
	10	23.5
	15	12.0
	20	0.5
	24	13.0
	29	1.5
	33	14.0

Elongationen und Konjunktionen (in Welt-Zeit)

TITAN

		h	
Mai	20	7.3	Östl. El.
	24	12.2	Unt. Konj.
	28	12.3	Westl. El.
Juni	1	7.2	Ob. Konj.
	5	6.6	Östl. El.
	9	11.4	Unt. Konj.
	13	11.3	Westl. El.
	17	6.2	Ob. Konj.
	21	5.5	Östl. El.
	25	10.2	Unt. Konj.
	29	10.0	Westl. El.
Juli	3	4.7	Ob. Konj.
	7	4.0	Östl. El.
	11	8.5	Unt. Konj.
	15	8.3	Westl. El.
	19	3.0	Ob. Konj.
	23	2.1	Östl. El.
	27	6.6	Unt. Konj.
	31	6.3	Westl. El.
Aug.	4	0.9	Ob. Konj.
	7	23.9	Östl. El.
	12	4.3	Unt. Konj.
	16	4.1	Westl. El.
	19	22.6	Ob. Konj.
	23	21.5	Östl. El.
	28	1.8	Unt. Konj.
Sept.	1	1.7	Westl. El.
	4	20.2	Ob. Konj.
	8	19.0	Östl. El.
	12	23.3	Unt. Konj.
	16	23.3	Westl. El.
	20	17.9	Ob. Konj.
	24	16.6	Östl. El.
	28	21.0	Unt. Konj.
Okt.	2	21.0	Westl. El.
	6	15.7	Ob. Konj.
	10	14.4	Östl. El.
	14	18.9	Unt. Konj.
	18	19.1	Westl. El.
	22	13.8	Ob. Konj.
	26	12.6	Östl. El.
	30	17.1	Unt. Konj.

TITAN

		h	
Nov.	3	17.5	Westl. El.
	7	12.3	Ob. Konj.
	11	11.2	Östl. El.
	15	15.8	Unt. Konj.
	19	16.3	Westl. El.
	23	11.2	Ob. Konj.
	27	10.2	Östl. El.
Dez.	1	15.0	Unt. Konj.
	5	15.5	Westl. El.
	9	10.5	Ob. Konj.
	13	9.7	Östl. El.
	17	14.5	Unt. Konj.
	21	15.1	Westl. El.
	25	10.2	Ob. Konj.
	29	9.5	Östl. El.

HYPERION

		h	
Mai	22	7.7	Ob. Konj.
	27	20.5	Östl. El.
Juni	1	10.6	Unt. Konj.
	6	13.6	Westl. El.
	12	18.3	Ob. Konj.
	18	6.2	Östl. El.
	22	19.9	Unt. Konj.
	27	23.4	Westl. El.
Juli	4	3.9	Ob. Konj.
	9	15.1	Östl. El.
	14	4.6	Unt. Konj.
	19	8.1	Westl. El.
	25	12.4	Ob. Konj.
	30	23.1	Östl. El.
Aug.	4	12.5	Unt. Konj.
	9	15.9	Westl. El.
	15	19.9	Ob. Konj.
	21	6.3	Östl. El.
	25	19.7	Unt. Konj.
	30	23.1	Westl. El.

HYPERION

		h	
Sept.	6	2.8	Ob. Konj.
	11	13.1	Östl. El.
	16	2.5	Unt. Konj.
	21	5.9	Westl. El.
	27	9.4	Ob. Konj.
Okt.	2	19.7	Östl. El.
	7	9.3	Unt. Konj.
	12	12.8	Westl. El.
	18	16.3	Ob. Konj.
	24	2.5	Östl. El.
	28	16.2	Unt. Konj.
Nov.	2	20.2	Westl. El.
	8	23.7	Ob. Konj.
	14	9.6	Östl. El.
	18	23.5	Unt. Konj.
	24	4.1	Westl. El.
	30	7.7	Ob. Konj.
Dez.	5	17.0	Östl. El.
	10	7.1	Unt. Konj.
	15	12.5	Westl. El.
	21	16.1	Ob. Konj.
	27	0.7	Östl. El.
	31	14.9	Unt. Konj.

JAPETUS

		h	
Mai	28	3.4	Östl. El.
Juni	17	11.6	Unt. Konj.
Juli	8	5.6	Westl. El.
	27	11.7	Ob. Konj.
Aug.	15	3.1	Östl. El.
Sept.	4	0.2	Unt. Konj.
	24	12.2	Westl. El.
Okt.	13	19.0	Ob. Konj.
Nov.	1	13.1	Östl. El.
	21	16.9	Unt. Konj.
Dez.	12	17.5	Westl. El.
	32	12.1	Ob. Konj.

Welt-Zeit 1935	h	
Jan. 1	9	♃ ☌ ☾
2	8	☉ in Erdnähe
4	4	♂ im Aphel
4	21	♀ im Aphel
5	—	☉ part. Finsternis
5	11	☿ ☌ ☾
6	2	♀ ☌ ☾
6	14	♅ stationär in AR.
8	2	♄ ☌ ☾
12	13	♅ ☌ ☾
19	—	☾ totale Finsternis
23	16	♆ ☌ ☾
26	16	♂ ☌ ☾
26	17	☿ ☌ ♀, ☿ 0° 38′ N.
29	1	♃ ☌ ☾
31	9	☿ ☌ ♄, ☿ 1° 27′ N.
31	12	♀ ☌ ♄, ♀ 0° 10′ S.
Febr. 1	0	☿ ☌ ♀, ☿ 1° 46′ N.
1	20	☿ gr. östl. El. 18° 20′
3	—	☉ part. Finsternis
4	18	♄ ☌ ☾
4	23	☿ ☌ ☾
5	0	☿ im Perihel
5	3	♀ ☌ ☾
7	17	☿ stationär in AR.
8	21	♅ ☌ ☾
13	10	☿ ☌ ♄, ☿ 4° 59′ N.
17	6	☿ untere ☌ ☉
19	21	♆ ☌ ☾
20	6	♄ ☌ ☉
23	9	♂ ☌ ☾
25	12	♃ ☌ ☾
27	18	♂ stationär in AR.
März 1	10	☿ stationär in AR.
3	12	☿ ☌ ☾
4	11	♄ ☌ ☾
4	17	♆ ☍ ☉
7	3	♀ ☌ ☾
8	8	♅ ☌ ☾
10	8	♃ stationär in AR.
15	19	☿ gr. westl. El. 27° 37′
19	2	♆ ☌ ☾
21	0	☿ im Aphel
21	13	Frühlingsanfang

Welt-Zeit 1935	h	
März 22	7	♀ ☌ ♅, ♀ 0° 24′ N.
22	8	♂ ☌ ☾
22	9	☿ ☌ ♄, ☿ 0° 19′ S.
24	17	♃ ☌ ☾
April 1	3	♄ ☌ ☾
2	3	☿ ☌ ☾
4	20	♅ ☌ ☾
6	0	♀ ☌ ☾
6	18	♂ ☍ ☉
12	5	♂ d. Erde a. nächsten
15	7	♆ ☌ ☾
17	20	♂ ☌ ☾
20	19	♃ ☌ ☾
22	12	♅ ☌ ☉
25	6	♀ ☌ ♅, ☿ 0° 14′ S.
27	7	♀ im Perihel
27	12	☿ obere ☌ ☉
28	15	♄ ☌ ☾
Mai 2	9	♅ ☌ ☾
3	13	☿ ☌ ☾
4	0	☿ im Perihel
5	23	♀ ☌ ☾
10	1	♃ ☍ ☉
12	14	♆ ☌ ☾
14	16	♂ ☌ ☾
17	20	♃ ☌ ☾
19	6	♂ stationär in AR.
24	8	♆ stationär in AR.
26	0	♄ ☌ ☾
26	22	☿ gr. östl. El. 22° 51′
29	19	♅ ☌ ☾
Juni 3	2	☿ ☌ ☾
5	2	♀ ☌ ☾
8	23	♆ ☌ ☾
9	2	☿ stationär in AR.
11	6	♂ ☌ ☾
14	0	♃ ☌ ☾
17	0	☿ im Aphel
21	18	☿ untere ☌ ☉
22	7	♄ ☌ ☾
22	9	Sommersanfang
22	14	♄ stationär in AR.
26	4	♅ ☌ ☾
29	21	☿ ☌ ☾
30	—	☉ part. Finsternis
30	11	♀ gr. östl. El. 45° 26′

Konstellationen 1935

Welt-Zeit 1935		h	
Juli	3	7	☿ stationär in AR.
	4	2	☉ in Erdferne
	5	0	♀ ☌ ☾
	6	7	♆ ☌ ☾
	9	10	♂ ☌ ☾
	11	7	♃ ☌ ☾
	12	2	♃ stationär in AR.
	14	8	☿ gr. westl. El. 20° 46′
	16	—	☾ totale Finsternis
	19	13	♄ ☌ ☾
	23	10	⛢ ☌ ☾
	25	6	♀ ☌ ♆, ♀ 2° 36′ S.
	29	6	☿ ☌ ☾
	30	—	☉ part. Finsternis
	31	0	☿ im Perihel
Aug.	2	16	♆ ☌ ☾
	3	1	♀ ☌ ☾
	3	4	♀ im größten Glanze
	6	22	♂ ☌ ☾
	7	18	♃ ☌ ☾
	10	1	☿ obere ☌ ☉
	11	18	⛢ stationär in AR.
	15	18	♀ stationär in AR.
	15	20	♄ ☌ ☾
	17	17	♀ im Aphel
	19	17	⛢ ☌ ☾
	24	9	☿ ☌ ♆, ☿ 0° 9′ N.
	26	18	☿ ☌ ♀, ☿ 9° 1′ N.
	27	23	♂ ☌ ♃, ♂ 2° 12′ S.
	30	0	♆ ☌ ☾
	30	5	♀ ☌ ☾
	30	22	☿ ☌ ☾
	31	4	♄ ☍ ☉
Sept.	2	20	♀ ☌ ♆, ♀ 10° 9′ S.
	4	6	♃ ☌ ☾
	4	13	♂ ☌ ☾
	7	22	♆ ☌ ☉
	8	8	♀ untere ☌ ☉
	12	3	♄ ☌ ☾
	12	23	☿ im Aphel
	16	1	⛢ ☌ ☾
	23	11	☿ gr. östl. El. 26° 18′
	24	0	Herbstanfang
	25	9	♀ ☌ ☾
	26	8	♆ ☌ ☾
	27	20	♀ stationär in AR.
	30	1	☿ ☌ ☾
Okt.	1	20	♃ ☌ ☾
	3	7	♂ ☌ ☾
	6	6	☿ stationär in AR.
	9	11	♄ ☌ ☾
	13	10	⛢ ☌ ☾
	15	12	♀ im größten Glanze
	18	5	☿ untere ☌ ☉
	23	14	♀ ☌ ☾
	23	17	♆ ☌ ☾
	25	1	♀ ☌ ♆, ♀ 2° 35′ S.
	26	8	☿ ☌ ☾
	26	16	☿ stationär in AR.
	26	23	☿ im Perihel
	27	21	⛢ ☍ ☉
	29	12	♃ ☌ ☾
Nov.	1	3	♂ ☌ ☾
	2	22	☿ gr. westl. El. 18° 44′
	5	18	♄ ☌ ☾
	8	9	♄ stationär in AR.
	9	18	⛢ ☌ ☾
	19	1	♀ gr. westl. El. 46° 41′
	20	1	♆ ☌ ☾
	22	6	♀ ☌ ☾
	25	12	☿ ☌ ☾
	26	6	♃ ☌ ☾
	27	5	♃ ☌ ☉
	30	1	♂ ☌ ☾
Dez.	2	18	☿ ☌ ♃, ☿ 1° 0′ S.
	3	1	♄ ☌ ☾
	7	2	⛢ ☌ ☾
	8	5	♀ im Perihel
	9	22	☿ im Aphel
	10	7	☿ obere ☌ ☉
	13	16	♂ im Perihel
	17	10	♆ ☌ ☾
	20	12	♆ stationär in AR.
	22	6	♀ ☌ ☾
	22	19	Wintersanfang
	24	1	♃ ☌ ☾
	25	—	☉ ringf. Finsternis
	26	12	☿ ☌ ☾
	29	0	♂ ☌ ☾
	30	10	♄ ☌ ☾

Präzession in Rektaszension (p_α) und Deklination (p_δ)

α \ δ	p_α +60°	+50°	+40°	+30°	+20°	+10°	0°	−10°	−20°	−30°	−40°	−50°	−60°	p_δ
h	s	s	s	s	s	s	s	s	s	s	s	s	s	"
0	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	+20.0
1	3.67	3.48	3.36	3.27	3.20	3.13	3.07	3.01	2.95	2.87	2.78	2.66	2.47	+19.4
2	4.23	3.87	3.63	3.46	3.32	3.19	3.07	2.95	2.83	2.69	2.51	2.28	1.92	+17.4
3	4.71	4.20	3.87	3.62	3.42	3.24	3.07	2.91	2.73	2.53	2.28	1.95	1.44	+14.2
4	5.08	4.45	4.04	3.74	3.49	3.28	3.07	2.87	2.65	2.41	2.10	1.69	1.07	+10.0
5	5.31	4.61	4.16	3.82	3.54	3.30	3.07	2.84	2.60	2.33	1.99	1.53	0.84	+ 5.2
6	5.39	4.67	4.19	3.84	3.56	3.31	3.07	2.84	2.59	2.30	1.95	1.48	0.76	0.0
7	5.31	4.61	4.16	3.82	3.54	3.30	3.07	2.84	2.60	2.33	1.99	1.53	0.84	− 5.2
8	5.08	4.45	4.04	3.74	3.49	3.28	3.07	2.87	2.65	2.41	2.10	1.69	1.07	−10.0
9	4.71	4.20	3.87	3.62	3.42	3.24	3.07	2.91	2.73	2.53	2.28	1.95	1.44	−14.2
10	4.23	3.87	3.63	3.46	3.32	3.19	3.07	2.95	2.83	2.69	2.51	2.28	1.92	−17.4
11	3.67	3.48	3.36	3.27	3.20	3.13	3.07	3.01	2.95	2.87	2.78	2.66	2.47	−19.4
12	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	−20.0
13	2.47	2.66	2.78	2.87	2.95	3.01	3.07	3.13	3.20	3.27	3.36	3.48	3.67	−19.4
14	1.92	2.28	2.51	2.69	2.83	2.95	3.07	3.19	3.32	3.46	3.63	3.87	4.23	−17.4
15	1.44	1.95	2.28	2.53	2.73	2.91	3.07	3.24	3.42	3.62	3.87	4.20	4.71	−14.2
16	1.07	1.69	2.10	2.41	2.65	2.87	3.07	3.28	3.49	3.74	4.04	4.45	5.08	−10.0
17	0.84	1.53	1.99	2.33	2.60	2.84	3.07	3.30	3.54	3.82	4.16	4.61	5.31	− 5.2
18	0.76	1.48	1.95	2.30	2.59	2.84	3.07	3.31	3.56	3.84	4.19	4.67	5.39	0.0
19	0.84	1.53	1.99	2.33	2.60	2.84	3.07	3.30	3.54	3.82	4.16	4.61	5.31	+ 5.2
20	1.07	1.69	2.10	2.41	2.65	2.87	3.07	3.28	3.49	3.74	4.04	4.45	5.08	+10.0
21	1.44	1.95	2.28	2.53	2.73	2.91	3.07	3.24	3.42	3.62	3.87	4.20	4.71	+14.2
22	1.92	2.28	2.51	2.69	2.83	2.95	3.07	3.19	3.32	3.46	3.63	3.87	4.23	+17.4
23	2.47	2.66	2.78	2.87	2.95	3.01	3.07	3.13	3.20	3.27	3.36	3.48	3.67	+19.4
24	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	+20.0

Präzessionswerte und Schiefe der Ekliptik

Zeit	m	n	ψ	log π	Π	ε
1900.0	3.07233 s	20.0468"	50.2564"	9.67309	173° 57.06'	23° 27' 8.26"
1905.0	3.07243	20.0464	50.2575	9.67305	173 59.80	23 27 5.92
1910.0	3.07252	20.0460	50.2586	9.67302	174 2.53	23 27 3.58
1915.0	3.07261	20.0456	50.2597	9.67299	174 5.27	23 27 1.23
1920.0	3.07271	20.0451	50.2608	9.67296	174 8.01	23 26 58.89
1925.0	3.07280	20.0447	50.2620	9.67293	174 10.75	23 26 56.55
1930.0	3.07289	20.0443	50.2631	9.67290	174 13.49	23 26 54.21
1935.0	3.07299	20.0438	50.2642	9.67287	174 16.23	23 26 51.87
1940.0	3.07308	20.0434	50.2653	9.67284	174 18.97	23 26 49.52
1945.0	3.07317	20.0430	50.2664	9.67281	174 21.71	23 26 47.18
1950.0	3.07327	20.0426	50.2675	9.67278	174 24.45	23 26 44.84

Hilfstafeln

Länge λ	Präzession in Länge p_λ — Breite β: 0°	+1°	+2°	+3°	+4°	+5°	+6°	+7°	+8°	+9°	Präz. in Br. p_β — Länge λ	Präzession p_β	
0°	50″.262	″.254	″.245	″.237	″.229	50″.221	″.213	″.205	″.196	″.188	0°	+0″.048	80
10	.262	.254	.246	.238	.230	.222	.214	.206	.198	.190	10	+0.128	77
20	.262	.255	.247	.240	.232	.225	.217	.210	.202	.195	20	+0.205	70
30	.262	.255	.249	.242	.235	.229	.222	.215	.208	.202	30	+0.275	63
40	50.262	.256	.251	.245	.239	50.233	.227	.221	.216	.210	40	+0.338	52
50	.262	.257	.253	.248	.243	.239	.234	.229	.225	.220	50	+0.390	40
60	.262	.259	.255	.252	.249	.245	.242	.238	.235	.231	60	+0.430	26
70	.262	.260	.258	.256	.254	.252	.250	.248	.246	.244	70	+0.456	14
80	50.262	.261	.261	.260	.259	50.259	.258	.258	.257	.257	80	+0.470	1
90	.262	.263	.263	.264	.265	.266	.267	.268	.269	.270	90	+0.469	16
100	.262	.264	.267	.269	.271	.273	.275	.277	.280	.282	100	+0.453	29
110	.262	.266	.269	.273	.277	.280	.284	.287	.291	.294	110	+0.424	42
120	50.262	.267	.271	.276	.281	50.286	.291	.296	.301	.306	120	+0.382	54
130	.262	.268	.274	.280	.286	.292	.298	.304	.310	.316	130	+0.328	63
140	.262	.269	.275	.282	.289	.296	.303	.310	.317	.324	140	+0.265	72
150	.262	.270	.277	.285	.292	.300	.307	.315	.322	.330	150	+0.193	77
160	50.262	.270	.278	.286	.294	50.302	.310	.318	.326	.334	160	+0.116	81
170	.262	.270	.279	.287	.295	.303	.311	.319	.328	.336	170	+0.035	83
180	.262	.270	.279	.287	.295	.303	.311	.319	.328	.336	180	—0.048	80
190	.262	.270	.278	.286	.294	.302	.310	.318	.326	.334	190	—0.128	77
200	50.262	.269	.277	.284	.292	50.299	.307	.314	.322	.329	200	—0.205	70
210	.262	.269	.275	.282	.289	.295	.302	.309	.316	.322	210	—0.275	63
220	.262	.268	.273	.279	.285	.291	.297	.303	.308	.314	220	—0.338	52
230	.262	.267	.271	.276	.281	.285	.290	.295	.299	.304	230	—0.390	40
240	50.262	.265	.269	.272	.275	50.279	.282	.286	.289	.293	240	—0.430	26
250	.262	.264	.266	.268	.270	.272	.274	.276	.278	.280	250	—0.456	14
260	.262	.263	.263	.264	.265	.265	.266	.266	.267	.267	260	—0.470	1
270	.262	.261	.261	.260	.259	.258	.257	.256	.255	.254	270	—0.469	16
280	50.262	.260	.257	.255	.253	50.251	.249	.247	.244	.242	280	—0.453	29
290	.262	.258	.255	.251	.247	.244	.240	.237	.233	.230	290	—0.424	42
300	.262	.257	.253	.248	.243	.238	.233	.228	.223	.218	300	—0.382	54
310	.262	.256	.250	.244	.238	.232	.226	.220	.214	.208	310	—0.328	63
320	50.262	.255	.249	.242	.235	50.228	.221	.214	.207	.200	320	—0.265	72
330	.262	.254	.247	.239	.232	.224	.217	.209	.202	.194	330	—0.193	77
340	.262	.254	.246	.238	.230	.222	.214	.206	.198	.190	340	—0.116	81
350	.262	.254	.245	.237	.229	.221	.213	.205	.196	.188	350	—0.035	83
360	50.262	.254	.245	.237	.229	50.221	.213	.205	.196	.188	360	+0.048	

Reduktionstafel

für den Auf- und Untergang der Sonne

Das Vorzeichen der Tafel gilt für den Aufgang, das entgegengesetzte Vorzeichen für den Untergang.

Tag		Geographische Breite										
		+50°	+51°	+52°	+53°	+54°	+55°	+56°	+57°	+58°	+59°	+60°
1935		m	m	m	m	m	m	m	m	m	m	m
Jan.	1	0.0	+4.7	+ 9.6	+14.8	+20.5	+26.4	+32.9	+39.7	+47.1	+55.2	+64.0
	11	0.0	+4.4	+ 8.9	+13.8	+18.9	+24.5	+30.3	+36.5	+43.2	+50.6	+58.5
	21	0.0	+3.8	+ 7.9	+12.2	+16.7	+21.4	+26.5	+31.9	+37.7	+43.9	+50.6
	31	0.0	+3.2	+ 6.6	+10.2	+13.9	+17.9	+22.1	+26.6	+31.3	+36.4	+41.9
Febr.	10	0.0	+2.5	+ 5.2	+ 8.1	+11.0	+14.2	+17.4	+20.9	+24.6	+28.5	+32.8
	20	0.0	+1.8	+ 3.8	+ 5.9	+ 8.0	+10.3	+12.7	+15.2	+17.9	+20.7	+23.7
März	2	0.0	+1.2	+ 2.4	+ 3.8	+ 5.1	+ 6.5	+ 8.0	+ 9.6	+11.3	+13.0	+14.8
	12	0.0	+0.5	+ 1.0	+ 1.6	+ 2.2	+ 2.8	+ 3.4	+ 4.1	+ 4.7	+ 5.5	+ 6.2
	22	0.0	−0.2	− 0.4	− 0.5	− 0.7	− 1.0	− 1.3	− 1.4	− 1.7	− 2.0	− 2.4
April	1	0.0	−0.9	− 1.8	− 2.6	− 3.7	− 4.7	− 5.9	− 7.0	− 8.2	− 9.6	−10.9
	11	0.0	−1.5	− 3.2	− 4.8	− 6.7	− 8.5	−10.5	−12.6	−14.8	−17.2	−19.6
	21	0.0	−2.2	− 4.6	− 7.0	− 9.7	−12.4	−15.3	−18.3	−21.6	−25.0	−28.7
Mai	1	0.0	−3.0	− 6.1	− 9.2	−12.7	−16.3	−20.1	−24.1	−28.4	−33.0	−37.9
	11	0.0	−3.6	− 7.4	−11.3	−15.6	−20.1	−24.8	−29.9	−35.4	−41.2	−47.4
	21	0.0	−4.2	− 8.7	−13.3	−18.3	−23.7	−29.4	−35.5	−42.1	−49.2	−56.9
	31	0.0	−4.7	− 9.8	−15.2	−20.7	−26.9	−33.4	−40.5	−48.0	−56.3	−65.5
Juni	10	0.0	−5.1	−10.6	−16.4	−22.6	−29.2	−36.2	−44.0	−52.4	−61.7	−72.1
	20	0.0	−5.3	−10.9	−16.9	−23.3	−30.2	−37.5	−45.6	−54.4	−64.0	−75.1
	30	0.0	−5.2	−10.7	−16.6	−22.9	−29.6	−36.9	−44.9	−53.5	−62.9	−73.7
Juli	10	0.0	−4.9	−10.1	−15.6	−21.6	−27.9	−34.6	−41.9	−49.8	−58.7	−68.2
	20	0.0	−4.4	− 9.1	−14.1	−19.4	−25.0	−31.0	−37.4	−44.5	−52.0	−60.4
	30	0.0	−3.8	− 7.9	−12.2	−16.7	−21.5	−26.6	−32.2	−38.0	−44.3	−51.2
Aug.	9	0.0	−3.2	− 6.5	−10.1	−13.9	−17.8	−22.0	−26.5	−31.2	−36.2	−41.7
	19	0.0	−2.5	− 5.1	− 7.9	−10.9	−13.9	−17.2	−20.7	−24.4	−28.2	−32.5
	29	0.0	−1.8	− 3.7	− 5.8	− 7.9	−10.1	−12.4	−15.0	−17.6	−20.4	−23.4
Sept.	8	0.0	−1.2	− 2.3	− 3.7	− 5.0	− 6.3	− 7.8	− 9.4	−11.0	−12.8	−14.7
	18	0.0	−0.5	− 0.9	− 1.6	− 2.1	− 2.6	− 3.2	− 3.9	− 4.6	− 5.3	− 6.0
	28	0.0	+0.2	+ 0.5	+ 0.5	+ 0.8	+ 1.1	+ 1.3	+ 1.5	+ 1.8	+ 2.1	+ 2.4
Okt.	8	0.0	+0.9	+ 1.8	+ 2.7	+ 3.7	+ 4.8	+ 5.9	+ 6.9	+ 8.2	+ 9.5	+10.8
	18	0.0	+1.6	+ 3.2	+ 4.8	+ 6.6	+ 8.5	+10.4	+12.4	+14.7	+17.0	+19.4
	28	0.0	+2.2	+ 4.6	+ 6.9	+ 9.5	+12.3	+15.1	+18.0	+21.3	+24.6	+28.2
Nov.	7	0.0	+2.9	+ 6.0	+ 9.0	+12.5	+16.0	+19.8	+23.6	+27.9	+32.4	+37.3
	17	0.0	+3.6	+ 7.3	+11.1	+15.3	+19.6	+24.3	+29.2	+34.5	+40.1	+46.2
	27	0.0	+4.1	+ 8.4	+13.0	+17.8	+22.9	+28.4	+34.3	+40.5	+47.3	+54.7
Dez.	7	0.0	+4.6	+ 9.3	+14.5	+19.8	+25.5	+31.7	+38.2	+45.4	+53.1	+61.4
	17	0.0	+4.8	+ 9.8	+15.2	+20.9	+27.0	+33.5	+40.5	+48.2	+56.4	+65.5
	27	0.0	+4.8	+ 9.8	+15.2	+20.9	+27.0	+33.5	+40.5	+48.2	+56.4	+65.7
	37	0.0	+4.6	+ 9.3	+14.4	+19.9	+25.7	+31.9	+38.4	+45.5	+53.3	+61.8

Reduktionstafel

für den Auf- und Untergang des Mondes

Das Vorzeichen der Tafel gilt für den Aufgang, das entgegengesetzte Vorzeichen für den Untergang.

t*)	Geographische Breite										
	+30°	+32°	+34°	+36°	+38°	+40°	+42°	+44°	+46°	+48°	+50°
h m	m	m	m	m	m	m	m	m	m	m	m
3 20	−94.6	−87.9	−80.9	−73.4	−65.5	−56.9	−47.6	−37.5	−26.4	−14.0	0.0
3 30	−88.5	−82.2	−75.6	−68.5	−61.0	−52.9	−44.2	−34.8	−24.4	−12.9	0.0
3 40	−82.5	−76.5	−70.3	−63.7	−56.6	−49.1	−41.0	−32.2	−22.5	−11.9	0.0
3 50	−76.6	−71.0	−65.2	−59.0	−52.4	−45.3	−37.8	−29.6	−20.7	−10.9	0.0
4 0	−70.8	−65.6	−60.1	−54.4	−48.2	−41.7	−34.7	−27.2	−18.9	− 9.9	0.0
4 10	−65.1	−60.3	−55.2	−49.9	−44.2	−38.2	−31.7	−24.8	−17.3	− 9.0	0.0
4 20	−59.5	−55.0	−50.3	−45.5	−40.3	−34.8	−28.9	−22.5	−15.7	− 8.2	0.0
4 30	−54.0	−49.9	−45.6	−41.2	−36.5	−31.4	−26.1	−20.4	−14.1	− 7.4	0.0
4 40	−48.4	−44.8	−40.9	−36.9	−32.7	−28.2	−23.3	−18.2	−12.6	− 6.6	0.0
4 50	−43.0	−39.8	−36.4	−32.7	−29.0	−24.9	−20.7	−16.1	−11.2	− 5.8	0.0
5 0	−37.7	−34.8	−31.8	−28.6	−25.3	−21.8	−18.1	−14.1	− 9.8	− 5.0	0.0
5 10	−32.4	−29.9	−27.3	−24.6	−21.7	−18.7	−15.5	−12.1	− 8.4	− 4.3	0.0
5 20	−27.1	−25.0	−22.8	−20.6	−18.2	−15.6	−12.9	−10.1	− 7.0	− 3.6	0.0
5 30	−21.9	−20.2	−18.4	−16.6	−14.7	−12.6	−10.4	− 8.1	− 5.6	− 2.9	0.0
5 40	−16.7	−15.4	−14.0	−12.6	−11.2	− 9.6	− 7.9	− 6.2	− 4.3	− 2.2	0.0
5 50	−11.5	−10.6	− 9.7	− 8.7	− 7.7	− 6.6	− 5.5	− 4.2	− 2.9	− 1.5	0.0
6 0	− 6.4	− 5.8	− 5.4	− 4.8	− 4.2	− 3.6	− 3.0	− 2.3	− 1.6	− 0.9	0.0
6 10	− 1.2	− 1.1	− 1.0	− 0.9	− 0.8	− 0.7	− 0.6	− 0.4	− 0.3	− 0.2	0.0
6 20	+ 4.0	+ 3.7	+ 3.4	+ 3.0	+ 2.6	+ 2.3	+ 1.9	+ 1.5	+ 1.0	+ 0.5	0.0
6 30	+ 9.1	+ 8.4	+ 7.7	+ 6.9	+ 6.1	+ 5.3	+ 4.4	+ 3.4	+ 2.4	+ 1.2	0.0
6 40	+14.3	+13.2	+12.0	+10.8	+ 9.6	+ 8.2	+ 6.8	+ 5.3	+ 3.7	+ 1.9	0.0
6 50	+19.5	+18.0	+16.4	+14.8	+13.1	+11.2	+ 9.3	+ 7.2	+ 5.0	+ 2.6	0.0
7 0	+24.7	+22.8	+20.9	+18.8	+16.6	+14.2	+11.8	+ 9.1	+ 6.3	+ 3.3	0.0
7 10	+30.0	+27.7	+25.3	+22.8	+20.1	+17.3	+14.3	+11.1	+ 7.7	+ 4.0	0.0
7 20	+35.3	+32.6	+29.7	+26.8	+23.7	+20.3	+16.8	+13.1	+ 9.1	+ 4.7	0.0
7 30	+40.6	+37.5	+34.3	+30.9	+27.3	+23.4	+19.4	+15.1	+10.5	+ 5.5	0.0
7 40	+45.9	+42.5	+38.9	+35.0	+31.0	+26.6	+22.1	+17.2	+12.0	+ 6.2	0.0
7 50	+51.4	+47.6	+43.5	+39.2	+34.7	+29.9	+24.8	+19.3	+13.5	+ 7.0	0.0
8 0	+56.9	+52.7	+48.2	+43.5	+38.5	+33.2	+27.6	+21.5	+15.0	+ 7.8	0.0
8 10	+62.5	+57.9	+53.0	+47.9	+42.4	+36.6	+30.4	+23.8	+16.6	+ 8.6	0.0
8 20	+68.2	+63.2	+57.9	+52.3	+46.4	+40.1	+33.3	+26.1	+18.2	+ 9.5	0.0
8 30	+74.0	+68.5	+62.9	+56.9	+50.5	+43.7	+36.4	+28.5	+19.8	+10.5	0.0
8 40	+79.8	+74.0	+67.9	+61.5	+54.7	+47.3	+39.5	+30.9	+21.6	+11.4	0.0
8 50	+85.8	+79.6	+73.1	+66.3	+59.0	+51.1	+42.7	+33.5	+23.5	+12.5	0.0
9 0	+91.9	+85.3	+78.4	+71.2	+63.4	+55.0	+46.0	+36.3	+25.5	+13.5	0.0

*) t ist beim Aufgange der Zeitunterschied zwischen Aufgang und Kulmination, beim Untergange der Zeitunterschied zwischen Kulmination und Untergang.

Reduktionstafel

für den Auf- und Untergang des Mondes

Das Vorzeichen der Tafel gilt für den Aufgang, das entgegengesetzte Vorzeichen für den Untergang.

t*)	Geographische Breite										
	+50°	+51°	+52°	+53°	+54°	+55°	+56°	+57°	+58°	+59°	+60°
h m	m	m	m	m	m	m	m	m	m	m	m
3 20	0.0	+7.7	+16.1	+25.2	+35.1	+46.1	+58.4	+72.5	+89.1	+109.7	+138.1
3 30	0.0	+7.1	+14.7	+22.9	+31.8	+41.6	+52.4	+64.5	+78.3	+ 94.5	+114.3
3 40	0.0	+6.5	+13.4	+20.9	+28.9	+37.6	+47.2	+57.7	+69.4	+ 82.7	+ 98.2
3 50	0.0	+5.9	+12.2	+19.0	+26.2	+34.0	+42.5	+51.7	+61.9	+ 73.3	+ 86.1
4 0	0.0	+5.4	+11.1	+17.2	+23.7	+30.8	+38.2	+46.3	+55.2	+ 65.0	+ 76.0
4 10	0.0	+4.9	+10.1	+15.6	+21.4	+27.7	+34.4	+41.6	+49.4	+ 57.9	+ 67.3
4 20	0.0	+4.5	+ 9.1	+14.0	+19.2	+24.8	+30.8	+37.2	+44.0	+ 51.5	+ 59.6
4 30	0.0	+4.0	+ 8.1	+12.5	+17.2	+22.2	+27.5	+33.1	+39.1	+ 45.7	+ 52.7
4 40	0.0	+3.5	+ 7.3	+11.2	+15.3	+19.7	+24.3	+29.3	+34.5	+ 40.2	+ 46.3
4 50	0.0	+3.1	+ 6.4	+ 9.8	+13.4	+17.3	+21.4	+25.6	+30.2	+ 35.1	+ 40.4
5 0	0.0	+2.7	+ 5.5	+ 8.5	+11.6	+15.0	+18.5	+22.2	+26.1	+ 30.3	+ 34.8
5 10	0.0	+2.3	+ 4.7	+ 7.2	+10.0	+12.8	+15.7	+18.9	+22.2	+ 25.7	+ 29.5
5 20	0.0	+2.0	+ 3.9	+ 6.0	+ 8.3	+10.7	+13.1	+15.7	+18.4	+ 21.3	+ 24.4
5 30	0.0	+1.6	+ 3.2	+ 4.8	+ 6.7	+ 8.5	+10.5	+12.6	+14.8	+ 17.1	+ 19.6
5 40	0.0	+1.2	+ 2.4	+ 3.7	+ 5.0	+ 6.5	+ 7.9	+ 9.5	+11.2	+ 13.0	+ 14.8
5 50	0.0	+0.8	+ 1.7	+ 2.6	+ 3.4	+ 4.4	+ 5.5	+ 6.5	+ 7.7	+ 8.9	+ 10.2
6 0	0.0	+0.5	+ 0.9	+ 1.4	+ 1.9	+ 2.4	+ 3.0	+ 3.6	+ 4.2	+ 4.9	+ 5.6
6 10	0.0	+0.1	+ 0.2	+ 0.2	+ 0.4	+ 0.5	+ 0.6	+ 0.7	+ 0.8	+ 0.9	+ 1.1
6 20	0.0	−0.3	− 0.6	− 0.9	− 1.2	− 1.5	− 1.9	− 2.3	− 2.6	− 3.0	− 3.5
6 30	0.0	−0.6	− 1.3	− 2.0	− 2.7	− 3.5	− 4.3	− 5.2	− 6.0	− 7.0	− 8.0
6 40	0.0	−1.0	− 2.1	− 3.1	− 4.3	− 5.5	− 6.8	− 8.1	− 9.5	− 11.0	− 12.6
6 50	0.0	−1.3	− 2.9	− 4.3	− 5.9	− 7.5	− 9.4	−11.2	−13.1	− 15.1	− 17.3
7 0	0.0	−1.7	− 3.6	− 5.5	− 7.5	− 9.6	−11.9	−14.3	−16.7	− 19.3	− 22.2
7 10	0.0	−2.1	− 4.4	− 6.7	− 9.2	−11.7	−14.5	−17.4	−20.4	− 23.7	− 27.1
7 20	0.0	−2.5	− 5.1	− 7.9	−10.8	−13.8	−17.1	−20.6	−24.2	− 28.1	− 32.3
7 30	0.0	−2.9	− 6.0	− 9.2	−12.6	−16.1	−19.9	−24.0	−28.2	− 32.8	− 37.7
7 40	0.0	−3.3	− 6.9	−10.6	−14.4	−18.5	−22.9	−27.5	−32.4	− 37.8	− 43.4
7 50	0.0	−3.8	− 7.7	−12.0	−16.3	−21.0	−25.9	−31.3	−36.9	− 43.0	− 49.6
8 0	0.0	−4.2	− 8.7	−13.4	−18.3	−23.7	−29.2	−35.3	−41.7	− 48.7	− 56.3
8 10	0.0	−4.7	− 9.6	−14.9	−20.4	−26.4	−32.6	−39.5	−46.8	− 54.8	− 63.5
8 20	0.0	−5.2	−10.6	−16.4	−22.6	−29.2	−36.3	−44.0	−52.3	− 61.5	− 71.6
8 30	0.0	−5.7	−11.7	−18.1	−25.0	−32.4	−40.4	−49.1	−58.6	− 69.1	− 81.0
8 40	0.0	−6.3	−12.9	−19.9	−27.6	−35.8	−44.9	−54.9	−65.7	− 77.9	− 92.1
8 50	0.0	−6.8	−14.1	−21.9	−30.5	−39.7	−49.8	−61.2	−73.8	− 88.5	−106.1
9 0	0.0	−7.4	−15.4	−24.1	−33.7	−44.1	−55.3	−68.4	−83.6	−101.4	−125.9

*) t ist beim Aufgange der Zeitunterschied zwischen Aufgang und Kulmination, beim Untergange der Zeitunterschied zwischen Kulmination und Untergang.

Hilfstafeln

zur Berechnung der optischen Mondlibration

λ−☊	Δλ	a	B	λ−☊	λ−☊	Δλ	a	B	λ−☊
°	′		° ′	°	°	′		° ′	°
0	+0.0+	−0.0269+	−0 0.0+	180	45	+0.6+	−0.0190+	−1 5.3+	225
1	0.0	268	0 1.6	181	46	0.6	187	1 6.4	226
2	0.0	268	0 3.2	182	47	0.6	183	1 7.5	227
3	0.1	268	0 4.8	183	48	0.6	180	1 8.6	228
4	0.1	268	0 6.4	184	49	0.6	176	1 9.7	229
5	+0.1+	−0.0268+	−0 8.0+	185	50	+0.6+	−0.0173+	−1 10.7+	230
6	0.1	267	0 9.7	186	51	0.6	169	1 11.8	231
7	0.1	267	0 11.3	187	52	0.6	165	1 12.8	232
8	0.2	266	0 12.9	188	53	0.6	162	1 13.8	233
9	0.2	265	0 14.4	189	54	0.6	158	1 14.7	234
10	+0.2+	−0.0264+	−0 16.0+	190	55	+0.6+	−0.0154+	−1 15.6+	235
11	0.2	264	0 17.6	191	56	0.6	150	1 16.5	236
12	0.2	263	0 19.2	192	57	0.6	146	1 17.4	237
13	0.3	262	0 20.8	193	58	0.6	142	1 18.3	238
14	0.3	261	0 22.3	194	59	0.5	138	1 19.2	239
15	+0.3+	−0.0259+	−0 23.9+	195	60	+0.5+	−0.0134+	−1 20.0+	240
16	0.3	258	0 25.5	196	61	0.5	130	1 20.8	241
17	0.3	257	0 27.0	197	62	0.5	126	1 21.5	242
18	0.4	255	0 28.5	198	63	0.5	122	1 22.3	243
19	0.4	254	0 30.1	199	64	0.5	118	1 23.0	244
20	+0.4+	−0.0252+	−0 31.6+	200	65	+0.5+	−0.0114+	−1 23.7+	245
21	0.4	251	0 33.1	201	66	0.5	109	1 24.4	246
22	0.4	249	0 34.6	202	67	0.4	105	1 25.0	247
23	0.4	247	0 36.1	203	68	0.4	101	1 25.6	248
24	0.5	245	0 37.6	204	69	0.4	096	1 26.2	249
25	+0.5+	−0.0243+	−0 39.0+	205	70	+0.4+	−0.0092+	−1 26.8+	250
26	0.5	241	0 40.5	206	71	0.4	87	1 27.3	251
27	0.5	239	0 41.9	207	72	0.4	83	1 27.8	252
28	0.5	237	0 43.4	208	73	0.3	79	1 28.3	253
29	0.5	235	0 44.8	209	74	0.3	74	1 28.8	254
30	+0.5+	−0.0233+	−0 46.2+	210	75	+0.3+	−0.0070+	−1 29.2+	255
31	0.5	230	0 47.6	211	76	0.3	65	1 29.6	256
32	0.6	228	0 48.9	212	77	0.3	60	1 30.0	257
33	0.6	225	0 50.3	213	78	0.2	56	1 30.3	258
34	0.6	223	0 51.6	214	79	0.2	51	1 30.6	259
35	+0.6+	−0.0220+	−0 53.0+	215	80	+0.2+	−0.0047+	−1 30.9+	260
36	0.6	217	0 54.3	216	81	0.2	42	1 31.2	261
37	0.6	214	0 55.6	217	82	0.2	37	1 31.4	262
38	0.6	212	0 56.9	218	83	0.1	33	1 31.6	263
39	0.6	209	0 58.1	219	84	0.1	28	1 31.8	264
40	+0.6+	−0.0206+	−0 59.4+	220	85	+0.1+	−0.0023+	−1 32.0+	265
41	0.6	203	1 0.6	221	86	0.1	19	1 32.1	266
42	0.6	200	1 1.8	222	87	0.1	14	1 32.2	267
43	0.6	196	1 3.0	223	88	0.0	09	1 32.3	268
44	0.6	193	1 4.1	224	89	0.0	05	1 32.3	269
45	+0.6+	−0.0190+	−1 5.3+	225	90	+0.0+	−0.0000+	−1 32.3+	270

$$l' = \lambda + \Delta\lambda - a(B-\beta)\,L_{☾}; \quad b' = B - \beta$$

l', b' = Optische Libration der Mondmitte in selenographischer Länge und Breite.

λ, β = Länge und Breite des Mondmittelpunktes, berechnet für den Beobachtungsort.

$L_{☾}$ = Mittlere Länge des Mondes, ☊ = Mondknoten.

Hilfstafeln

zur Berechnung der optischen Mondlibration

λ−☊	Δλ	*a*	*B*	λ−☊	λ−☊	Δλ	*a*	*B*	λ−☊
°	′		° ′	°	°	′		° ′	°
90	−0.0−	+0.0000−	−1 32.3+	270	135	−0.6−	+0.0190−	−1 5.3+	315
91	0.0	05	1 32.3	271	136	0.6	193	1 4.1	316
92	0.0	09	1 32.3	272	137	0.6	196	1 3.0	317
93	0.1	14	1 32.2	273	138	0.6	200	1 1.8	318
94	0.1	19	1 32.1	274	139	0.6	203	1 0.6	319
95	−0.1−	+0.0023−	−1 32.0+	275	140	−0.6−	+0.0206−	−0 59.4+	320
96	0.1	28	1 31.8	276	141	0.6	209	0 58.1	321
97	0.1	33	1 31.6	277	142	0.6	212	0 56.9	322
98	0.2	37	1 31.4	278	143	0.6	214	0 55.6	323
99	0.2	42	1 31.2	279	144	0.6	217	0 54.3	324
100	−0.2−	+0.0047−	−1 30.9+	280	145	−0.6−	+0.0220−	−0 53.0+	325
101	0.2	51	1 30.6	281	146	0.6	223	0 51.6	326
102	0.2	56	1 30.3	282	147	0.6	225	0 50.3	327
103	0.3	60	1 30.0	283	148	0.6	228	0 48.9	328
104	0.3	65	1 29.6	284	149	0.5	230	0 47.6	329
105	−0.3−	+0.0070−	−1 29.2+	285	150	−0.5−	+0.0233−	−0 46.2+	330
106	0.3	74	1 28.8	286	151	0.5	235	0 44.8	331
107	0.3	79	1 28.3	287	152	0.5	237	0 43.4	332
108	0.4	83	1 27.8	288	153	0.5	239	0 41.9	333
109	0.4	87	1 27.3	289	154	0.5	241	0 40.5	334
110	−0.4−	+0.0092−	−1 26.8+	290	155	−0.5−	+0.0243−	−0 39.0+	335
111	0.4	096	1 26.2	291	156	0.5	245	0 37.6	336
112	0.4	101	1 25.6	292	157	0.4	247	0 36.1	337
113	0.4	105	1 25.0	293	158	0.4	249	0 34.6	338
114	0.5	109	1 24.4	294	159	0.4	251	0 33.1	339
115	−0.5−	+0.0114−	−1 23.7+	295	160	−0.4−	+0.0252−	−0 31.6+	340
116	0.5	118	1 23.0	296	161	0.4	254	0 30.1	341
117	0.5	122	1 22.3	297	162	0.4	255	0 28.5	342
118	0.5	126	1 21.5	298	163	0.3	257	0 27.0	343
119	0.5	130	1 20.8	299	164	0.3	258	0 25.5	344
120	−0.5−	+0.0134−	−1 20.0+	300	165	−0.3−	+0.0259−	−0 23.9+	345
121	0.5	138	1 19.2	301	166	0.3	261	0 22.3	346
122	0.6	142	1 18.3	302	167	0.3	262	0 20.8	347
123	0.6	146	1 17.4	303	168	0.2	263	0 19.2	348
124	0.6	150	1 16.5	304	169	0.2	264	0 17.6	349
125	−0.6−	+0.0154−	−1 15.6+	305	170	−0.2−	+0.0264−	−0 16.0+	350
126	0.6	158	1 14.7	306	171	0.2	265	0 14.4	351
127	0.6	162	1 13.8	307	172	0.2	266	0 12.9	352
128	0.6	165	1 12.8	308	173	0.1	267	0 11.3	353
129	0.6	169	1 11.8	309	174	0.1	267	0 9.7	354
130	−0.6−	+0.0173−	−1 10.7+	310	175	−0.1−	+0.0268−	−0 8.0+	355
131	0.6	176	1 9.7	311	176	0.1	268	0 6.4	356
132	0.6	180	1 8.6	312	177	0.1	268	0 4.8	357
133	0.6	183	1 7.5	313	178	0.0	268	0 3.2	358
134	0.6	187	1 6.4	314	179	0.0	268	0 1.6	359
135	−0.6−	+0.0190−	−1 5.3+	315	180	−0.0−	+0.0269−	−0 0.0+	360

$$l' = \lambda + \Delta\lambda - a\,(B - \beta) - L_{☾}; \quad b' = B - \beta$$

l', b' = Optische Libration der Mondmitte in selenographischer Länge und Breite.

λ, β = Länge und Breite des Mondmittelpunktes, berechnet für den Beobachtungsort.

$L_{☾}$ = Mittlere Länge des Mondes, ☊ = Mondknoten.

Hilfsgrößen

zur Berechnung der geozentrischen Koordinaten

$$\rho \sin \varphi' = s \sin \varphi; \qquad \rho \cos \varphi' = c \cos \varphi$$

φ	log s		log c		φ	log s		log c	
±0°	9.9970705	4	0.0000000	4	±40°	9.9976745	252	0.0006040	252
1	.9970709	14	.0000004	14	41	.9976997	254	.0006292	254
2	.9970723	22	.0000018	22	42	.9977251	255	.0006546	255
3	.9970745	31	.0000040	31	43	.9977506	255	.0006801	255
4	.9970776	40	.0000071	40	44	.9977761	255	.0007056	255
5	9.9970816	49	0.0000111	49	45	9.9978016	256	0.0007311	256
6	.9970865	57	.0000160	57	46	.9978272	255	.0007567	255
7	.9970922	66	.0000217	66	47	.9978527	255	.0007822	255
8	.9970988	74	.0000283	74	48	.9978782	254	.0008077	254
9	.9971062	83	.0000357	83	49	.9979036	252	.0008331	252
10	9.9971145	92	0.0000440	92	50	9.9979288	252	0.0008583	252
11	.9971237	99	.0000532	99	51	.9979540	249	.0008835	249
12	.9971336	108	.0000631	108	52	.9979789	247	.0009084	247
13	.9971444	116	.0000739	116	53	.9980036	245	.0009331	245
14	.9971560	123	.0000855	123	54	.9980281	242	.0009576	242
15	9.9971683	131	0.0000978	131	55	9.9980523	239	0.0009818	239
16	.9971814	139	.0001109	139	56	.9980762	235	.0010057	235
17	.9971953	146	.0001248	146	57	.9980997	232	.0010292	232
18	.9972099	154	.0001394	154	58	.9981229	228	.0010524	228
19	.9972253	160	.0001548	160	59	.9981457	224	.0010752	224
20	9.9972413	168	0.0001708	168	60	9.9981681	220	0.0010976	220
21	.9972581	174	.0001876	174	61	.9981901	215	.0011196	215
22	.9972755	180	.0002050	180	62	.9982116	209	.0011411	209
23	.9972935	187	.0002230	187	63	.9982325	205	.0011620	205
24	.9973122	192	.0002417	192	64	.9982530	199	.0011825	199
25	9.9973314	198	0.0002609	198	65	9.9982729	193	0.0012024	193
26	.9973512	204	.0002807	204	66	.9982922	188	.0012217	188
27	.9973716	209	.0003011	209	67	.9983110	181	.0012405	181
28	.9973925	214	.0003220	214	68	.9983291	175	.0012586	175
29	.9974139	219	.0003434	219	69	.9983466	168	.0012761	168
30	9.9974358	223	0.0003653	223	70	9.9983634	161	0.0012929	161
31	.9974581	227	.0003876	227	71	.9983795	154	.0013090	154
32	.9974808	232	.0004103	232	72	.9983949	147	.0013244	147
33	.9975040	235	.0004335	235	73	.9984096	140	.0013391	140
34	.9975275	238	.0004570	238	74	.9984236	132	.0013531	132
35	9.9975513	241	0.0004808	241	75	9.9984368	124	0.0013663	124
36	.9975754	245	.0005049	245	76	.9984492	117	.0013787	117
37	.9975999	246	.0005294	246	77	.9984609	108	.0013904	108
38	.9976245	249	.0005540	249	78	.9984717	100	.0014012	100
39	.9976494	251	.0005789	251	79	.9984817	92	.0014112	92
40	9.9976745		0.0006040		80	9.9984909		0.0014204	

Name	Seehöhe	Geogr. Breite	Länge von Greenwich + westlich − östlich	Korr. der Sternzeit	Geoz. Breite	Log. ρ incl. Seehöhe
	m	° ′ ″	h m s	s	° ′ ″	
Abbadia	69	+43 22 52.2	+ 0 7 0.1	+ 1.15	+43 11 17.8	9.999317
Åbo	—	+60 26 56.8	− 1 29 6.30	− 14.64	+60 16 58.8	9.998894
Adelaide	41	−34 55 35.1	− 9 14 19.90	− 91.06	−34 44 42.7	9.999526
Albany (Neue Sternw.)[1] .	40	+42 39 12.8	+ 4 55 7.12	+ 48.48	+42 27 39.7	9.999334
Algier (Neue Sternw.)[2]. .	345	+36 48 4.8	− 0 12 8.47	− 1.99	+36 36 58.1	9.999497
Allegheny (Neue Sternw.).	370	+40 28 58.1	+ 5 20 5.39	+ 52.59	+40 17 31.4	9.999411
Allegheny (Alte Sternw.) .	349	+40 27 41.6	+ 5 20 2.97	+ 52.58	+40 16 15.0	9.999411
Amherst (Neue Sternw.) .	110	+42 21 56.5	+ 4 50 5.98	+ 47.66	+42 10 24.0	9.999346
Amherst (Alte Sternw.) .	122	+42 22 17.1	+ 4 50 4.72	+ 47.66	+42 10 44.6	9.999347
Ann Arbor	282	+42 16 48.7	+ 5 34 55.27	+ 55.02	+42 5 16.4	9.999360
Arcetri Zentr. d. Sternw.[3].	184	+43 45 14.4	− 0 45 1.30	− 7.39	+43 33 39.5	9.999316
Arequipa[4])	2451	−16 22 28.0	+ 4 46 11.73	+ 47.02	−16 16 12.7	0.000052
Armagh	64	+54 21 11	+ 0 26 35.48	+ 4.37	+54 10 11.4	9.999041
Athen	110	+37 58 15.5	− 1 34 52.2	− 15.58	+37 47 1.2	9.999456
Bamberg (Remeis-Sternw.)	288	+49 53 6.0	− 0 43 33.57	− 7.15	+49 41 40.0	9.999167
Barcelona[5])	415	+41 24 59.3	− 0 8 30.2	− 1.41	+41 13 29.4	9.999391
Beloit	245	+42 30 8.4	+ 5 56 7.4	+ 58.51	+42 18 35.6	9.999352
Bergedorf Mer.-Kr. . .	41	+53 28 46.9	− 0 40 57.74	− 6.73	+53 17 40.8	9.999060
Berkeley	94	+37 52 23.5	+ 8 9 2.80	+ 80.34	+37 41 9.8	9.999458
Berlin-Babelsberg[6]) .	82	+52 24 24.2	− 0 52 25.49	− 8.61	+52 13 11.1	9.999089
Berlin (Urania)[7]) . . .	47	+52 31 30.7	− 0 53 27.40	− 8.78	+52 20 18.3	9.999084
Bern	573	+46 57 8.7	− 0 29 45.55	− 4.89	+46 45 34.5	9.999261
Besançon	312	+47 14 59.0	− 0 23 57.1	− 3.93	+47 3 25.3	9.999236
Blaca	280	+43 17 37	− 1 6 8.0	− 10.86	+43 6 3	9.999334
Bloemfontein Filiale d. Detroit Obs.	1490	−29 5 45	− 1 44 57	− 17.24	−28 55 55	9.999758
Bloemfontein Boyden Stat. d. Harv. Obs.	1379	−29 12	− 1 45 57	− 17.40	−29 2	9.999748
Bogota	2640	+ 4 35 55.2	+ 4 56 19.51	+ 48.68	+ 4 34 4.4	0.000111
Bologna Zentr. d. Sternw.	84	+44 29 52.8	− 0 45 24.48	− 7.46	+44 18 17.3	9.999290
Bombay (Colaba) . . .	19	+18 53 36.2	− 4 51 15.60	− 47.85	+18 46 31.1	9.999849
Bonn Zentr. d. Sternw.. .	62	+50 43 45.0	− 0 28 23.18	− 4.66	+50 32 22.7	9.999130
Bordeaux (Floirac). . .	73	+44 50 7.2	+ 0 2 6.56	+ 0.35	+44 38 31.6	9.999281
Boston (University)[8]) . .	31	+42 20 58	+ 4 44 19.1	+ 46.71	+42 9 25.6	9.999341
Bothkamp[9]).	32	+54 12 9.6	− 0 40 31.2	− 6.65	+54 1 8.8	9.999042
Breslau Zentr. d. Sternw. .	147	+51 6 56.5	− 1 8 8.72	− 11.19	+50 55 36.1	9.999126
Breslau Neue Sternw. . .	117	+51 6 41	− 1 8 21.19	− 11.23	+50 55 20.6	9.999130
Brisbane	51	−27 28 23.0	−10 12 6.48	−100.55	−27 18 54.6	9.999694
Brüssel (Alte Sternw.) Pass. Instr. . .	56	+50 51 10.7	− 0 17 28.71	− 2.87	+50 39 49.0	9.999126
Brüssel (Uccle) Mer.-Kr. .	105	+50 47 54.6	− 0 17 26.05	− 2.86	+50 36 32.7	9.999131

[1]) Dudley Observatory, seit Juni 1893. Alte Sternwarte 37″.0 nördlich, 7ˢ.10 östlich. — [2]) Alte Sternwarte 3′.8 südlich, 8ˢ östlich. — [3]) Seit Oktober 1872, früher in Florenz. — [4]) 1927 geschlossen und nach Bloemfontein verlegt. — [5]) J. Comas Solá. — [6]) Die Koordinaten beziehen sich auf die Mitte der großen Kuppel, in der der große Refraktor aufgestellt ist. Die frühere Sternwarte in Berlin (seit 1835) lag 5′ 52″.5 nördlich und 1ᵐ 9ˢ.31 östlich. — [7]) Übungssternwarte der Universität. — [8]) Die alte Sternwarte lag 4ˢ.1 östlich, 34″.5 nördlich. — [9]) Herr von Bülow.

Koordinaten der Sternwarten

Name	Seehöhe	Geogr. Breite	Länge von Greenwich + westlich − östlich	Korr. der Sternzeit	Geoz. Breite	Log. ρ incl. Seehöhe
	m	° ′ ″	h m s	s	° ′ ″	
Budapest Univ.-Sternw.	110	+47 29 34.7	−1 16 15.4	−12.53	+47 18 1.5	9.999215
Budapest[1]	110	+47 28 49	−1 16 13.7	−12.53	+47 17 16	9.999215
Bukarest (Mil. Geogr. Inst.)	85	+44 24 34.2	−1 44 27.01	−17.16	+44 12 58.7	9.999292
Cambridge Engl.	28	+52 12 51.6	−0 0 22.75	− 0.06	+52 1 37.3	9.999090
Cambridge Mass.[2]	24	+42 22 47.6	+4 44 31.05	+46.74	+42 11 15.1	9.999340
Cap d. gut. Hoffnung	10	−33 56 6.8	−1 13 54.60	−12.14	−33 45 23.2	9.999547
Catania	47	+37 30 13.3	−1 0 20.6	− 9.91	+37 19 1.9	9.999466
Charkow	139	+50 0 9.9	−2 24 55.72	−23.81	+49 48 44.4	9.999153
Charlottenburg, Techn. Hochsch.	60	+52 30 48.7	−0 53 20.5	− 8.76	+52 19 36.2	9.999085
Charlottesville[3]	259	+38 2 1.2	+5 14 5.33	+51.60	+37 50 46.5	9.999464
Christiania (Oslo) Mer.-Kr.	25	+59 54 43.7	−0 42 53.51	− 7.04	+59 44 39.2	9.998908
Cincinnati (Alte Sternw.)	—	+39 6 26.5	+5 37 59.09	+55.52	+38 55 6.0	9.999421
Cincinnati (Neue Sternw.)[4]	247	+39 8 19.8	+5 37 41.40	+55.47	+38 56 59.1	9.999437
Cleveland (Case Obs.)	215	+41 30 14.5	+5 26 25.86	+53.63	+41 18 44.3	9.999375
Coimbra	99	+40 12 24.5	+0 33 43.1	+ 5.54	+40 0 58.9	9.999400
Columbia Missouri[5]	225	+38 56 12	+6 9 18.37	+60.67	+38 44 52.3	9.999442
Cordoba	434	−31 25 15.5	+4 16 47.16	+42.18	−31 14 57.5	9.999635
Danzig	3	+54 21 18.0	−1 14 39.6	−12.26	+54 10 18.4	9.999036
Denver[6]	1644	+39 40 36.4	+6 59 47.72	+68.96	+39 29 13.1	9.999519
Dorpat (Tartu, Jurjew) Mer.-Kr.	67	+58 22 47.2	−1 46 53.18	−17.56	+58 12 25.1	9.998946
Dresden (Geodät. Inst.)	168	+51 1 49.3	−0 54 55.1	− 9.02	+50 50 28.5	9.999130
Dresden (Mathem. Salon)	—	+51 3 14.7	−0 54 55.83	− 9.02	+50 51 54.0	9.999117
Dublin (Dunsink Obs.)	86	+53 23 13.1	+0 25 21.1	+ 4.17	+53 12 6.4	9.999065
Düsseldorf (Bilk)	46	+51 12 25.0	−0 27 2.69	− 4.44	+51 1 5.1	9.999117
Durham	108	+54 46 6.2	+0 6 19.75	+ 1.04	+54 35 9.8	9.999033
Edinburgh	146	+55 55 30	+0 12 44.1	+ 2.09	+55 44 43.5	9.999008
Edinburgh (Blackf. Hill)	134	+55 55 28.0	+0 12 44.0	+ 2.09	+55 44 41.5	9.999007
Evanston (Dearborn Obs.)	175	+42 3 33.4	+5 50 42.3	+57.61	+41 52 1.6	9.999358
Faenza (Urania Lamonia)	45	+44 17 2	−0 47 33.9	− 7.81	+44 5 27	9.999293
Flagstaff (Lowell Obs.)	2210	+35 12 30.5	+7 26 44.6	+73.39	+35 1 35.8	9.999667
Florenz (Alte Sternw.)[7]	73	+43 46 4.1	−0 44 59.6	− 7.39	+43 34 29.2	9.999308
Florenz (Mil. Geogr. Inst.)	72	+43 46 49.4	−0 45 2.5	− 7.40	+43 35 14.5	9.999308
Frankfurt a. M.	121	+50 7 0	−0 34 36.3	− 5.70	+49 55 34.6	9.999149
Genf Mer.-Kr.	406	+46 11 59.3	−0 24 36.53	− 4.04	+46 0 24.1	9.999269
Genua (Mar. Sternw.) Mer.-Kr.	108	+44 25 8.1	−0 35 41.28	− 5.86	+44 13 32.6	9.999294
Georgetown D. C.	62	+38 54 26.2	+5 8 18.33	+50.65	+38 43 6.7	9.999430
Glasgow Schottl.	55	+55 52 42.1	+0 17 10.55	+ 2.82	+55 41 55.2	9.999003
Glasgow Missouri	228	+39 13 45.6	+6 11 18.06	+61.00	+39 2 24.5	9.999433

[1]) Observ. der Kgl. Josef-Technischen Hochschule. — [2]) Harvard College Observatory. — [3]) Leander Mc. Cormick Observatory, University of Virginia. — [4]) Mount Lookout seit 1873. — [5]) Laws Observatory. — [6]) University Park, Chamberlin Observatory. — [7]) 1872 nach Arcetri verlegt.

Name	Seehöhe	Geogr. Breite	Länge von Greenwich + westlich − östlich	Korr. der Sternzeit	Geoz. Breite	Log. ρ incl. Seehöhe
	m	° ′ ″	h m s	s	° ′ ″	
Göttingen Mer.-Kr.	161	+51 31 48.2	−0 39 46.22	− 6.53	+51 20 30.0	9.999117
Gotha (Neue Sternw.)[1] Zentr. d. St.	322	+50 56 37.9	−0 42 50.51	− 7.04	+50 45 16.7	9.999142
Graz	375	+47 4 37.2	−1 1 47.71	−10.15	+46 53 3.2	9.999244
Greenwich Transit Circle	47	+51 28 38.2	0 0 0.00	0.00	+51 17 19.7	9.999110
Groningen	4	+53 13 13.8	−0 26 15.11	− 4.31	+53 2 6.0	9.999064
Hamburg (Alte Sternw.)[2] Mer.-Kr.	25	+53 33 6.0	−0 39 53.60	− 6.55	+53 22 0.4	9.999057
Hamburg (D. Seewarte)	30	+53 32 51.8	−0 39 53.42	− 6.55	+53 21 46.2	9.999058
Hanover N. H.	183	+43 42 15.3	+4 49 8.00	+47.50	+43 30 40.5	9.999317
Haverford	116	+40 0 40.1	+5 1 12.7	+49.48	+39 49 15.4	9.999406
Heidelberg (Wolfs Sternw.)	126	+49 24 35	−0 34 48.4	− 5.72	+49 13 7	9.999159
Heidelberg (Königst.) Mer.-Kr.	570	+49 23 54.6	−0 34 53.13	− 5.73	+49 12 26.8	9.999198
Helsingfors Mer.-Kr.	33	+60 9 42.3	−1 39 49.10	−16.40	+59 59 40.8	9.998903
Helwan	115	+29 51 31.1	−2 5 21.77	−20.59	+29 41 31.4	9.999648
Hongkong	33	+22 18 13.2	−7 36 41.25	−75.02	+22 10 5.8	9.999793
Hyderabad-Deccan[3])	554	+17 25 54.3	−5 13 48.98	−51.55	+17 19 17.7	9.999907
Innsbruck	605	+47 16 6.5	−0 45 31.42	− 7.48	+47 4 32.8	9.999254
Jena (Univers.) Zentr. d. St.	164	+50 55 35.6	−0 46 20.22	− 7.61	+50 44 14.3	9.999131
Jena (Winkler)	174	+50 56 15.7	−0 46 20.73	− 7.61	+50 44 54.5	9.999132
Johannesburg	1786	−26 10 52.1	−1 52 17.9	−18.45	−26 1 42.0	9.999839
Johannesburg (Fil. d. Yale Observ.)	1741	−26 11 14	−1 52 7	−18.42	−26 2 4	9.999836
Kairo	—	+30 4 38.2	−2 5 8.80	−20.56	+29 54 35.8	9.999635
Kalocsa[4])	102	+46 31 42.4	−1 15 54.34	−12.47	+46 20 7.6	9.999239
Karlsruhe[5])	110	+49 0 29.6	−0 33 35.40	− 5.52	+48 49 0.4	9.999177
Kasan (Univers.)	79	+55 47 24.3	−3 16 29.03	−32.28	+55 36 36.6	9.999007
Kasan (Engelhardt)	98	+55 50 20.5	−3 15 15.74	−32.08	+55 39 33.2	9.999007
Kew	10	+51 28 6	+0 1 15.1	+ 0.21	+51 16 47.5	9.999108
Kiel Neuer Mer.-Kr.	52	+54 20 27.6	−0 40 35.45	− 6.67	+54 9 27.9	9.999040
Kiel Alter Mer.-Kr.	47	+54 20 28.5	−0 40 35.57	− 6.67	+54 9 28.8	9.999040
Kiew Mer.-Kr.	184	+50 27 11.8	−2 2 0.56	−20.04	+50 15 48.3	9.999145
Kital	658	+39 8 1.7	−4 27 31.7	−43.95	+38 56 41.0	9.999465
Kodaikanal	2343	+10 13 50	−5 9 52.0	−50.94	+10 9 47.6	0.000114
Königsberg Reps. Mer.-Kr. [6])	22	+54 42 50.6	−1 21 58.98	−13.47	+54 31 53.8	9.999029
Konstanz[7])	420	+47 39 43.6	−0 36 42.01	− 6.03	+47 28 10.7	9.999232
Kopenhagen (Neue Sternw.)[8])	14	+55 41 12.6	−0 50 18.69	− 8.26	+55 30 24.0	9.999005
Kopenhagen (Urania-Sternw.)	10	+55 41 19.2	−0 50 9.11	− 8.24	+55 30 30.6	9.999005
Krakau Mer.-Kr.	221	+50 3 51.9	−1 19 50.28	−13.11	+49 52 26.7	9.999158
Kremsmünster Mer.-Kr.	384	+48 3 23.1	−0 56 31.58	− 9.28	+47 51 51.1	9.999219

[1]) Seit 1857, früher Seeberg. — [2]) 1909 nach Bergedorf verlegt. — [3]) Nizamiah Observatory. — [4]) Erzbischöfl. Haynaldsche Sternwarte. — [5]) 1896 nach Heidelberg verlegt. — [6]) Nach 1898, vor 1898 0s.01 westlich. — [7]) Privatsternwarte von E. Leiner. — [8]) Seit 1861 Nov. 11. Alte Sternwarte 20″.3 südlich, 0s.03 westlich.

Name	Seehöhe	Geogr. Breite	Länge von Greenwich + westlich − östlich	Korr. der Sternzeit	Geoz. Breite	Log. ρ incl. Seehöhe
	m	° ′ ″	h m s	s	° ′ ″	
Kyoto (Astron. Inst.) . .	55	+35 1 37.1	−9 3 7.0	−89.22	+34 50 43.9	9.999525
Kyoto (Kwasan Observ.) .	220	+34 59 40.3	−9 3 10.24	−89.23	+34 48 47.4	9.999537
Landstuhl (Fauth) . . .	385	+49 24 42.5	−0 30 16.35	− 4.97	+49 13 14.7	9.999185
La Plata Mer.-Kr. Gautier	17	−34 54 30.3	+3 51 43.74	+38.07	−34 43 38.1	9.999525
Leiden (Neue Sternw.) Mer.-Kr. [1] .	6	+52 9 19.8	−0 17 56.15	− 2.94	+51 58 5.2	9.999090
Leipzig (Neue Sternw.) Zentr. [2] .	119	+51 20 5.9	−0 49 33.93	− 8.14	+51 8 46.7	9.999119
Lembang (Bosscha St.) .	1300	− 6 49 29.1	−7 10 27.81	−70.71	− 6 46 45.5	0.000068
Lemberg (Techn. Hochsch.) Pass. Instr.	340	+49 50 11.2	−1 36 3.40	−15.78	+49 38 45.0	9.999171
Leningrad (Petersburg) (Akad.) .	20	+59 56 29.7	−2 1 13.35	−19.91	+59 46 25.5	9.998907
Leningrad (Petersburg) (Univers.) .	4	+59 56 32.0	−2 1 11.3	−19.91	+59 46 27.8	9.998906
Lissabon (Tapada) . . .	94	+38 42 30.5	+0 36 44.68	+ 6.04	+38 31 12.0	9.999437
Lissabon (Mar. Sternw.) .	—	+38 42 17.6	+0 36 33.6	+ 6.01	+38 30 59.2	9.999431
Liverpool (Neue Sternw.) [3]	62	+53 24 4.8	+0 12 17.33	+ 2.02	+53 12 58.2	9.999063
Lourenço Marques . .	60	−25 58 5.5	−2 10 22.63	−21.42	−25 48 58.9	9.999725
Lübeck (Navig.-Sch.) . .	19	+53 51 31.1	−0 42 45.6	− 7.02	+53 40 27.8	9.999049
Lund Zentr. d. Sternw. . .	34	+55 41 51.6	−0 52 44.97	− 8.66	+55 31 3.1	9.999006
Lüttich Ougrée . . .	128	+50 37 6	−0 22 12	− 3.65	+50 25 43	9.999137
Lyon	299	+45 41 40.8	−0 19 8.5	− 3.14	+45 30 5.3	9.999274
Madison (Washburn Observ.)	292	+43 4 36.8	+5 57 37.90	+58.75	+42 53 2.9	9.999340
Madras	7	+13 4 8.0	−5 20 59.65	−52.73	+12 59 2.5	9.999926
Madrid Zentr. d. Sternw. .	656	+40 24 30.1	+0 14 45.09	+ 2.43	+40 13 3.7	9.999433
Mailand, Brera . . .	120	+45 27 59.2	−0 36 45.89	− 6.04	+45 16 23.6	9.999268
Manila	3	+14 35 25	−8 3 50	−79.48	+14 29 47	9.999908
Mannheim Zentr. d. Sternw.	98	+49 29 11.0	−0 33 50.42	− 5.56	+49 17 43.5	9.999164
Marburg	248	+50 48 46.9	−0 35 4.9	− 5.76	+50 37 25.0	9.999141
Mare Island Calif. . .	18	+38 5 55.8	+8 9 5.63	+80.35	+37 54 40.8	9.999447
Markree (Col. Cooper) . .	45	+54 10 31.7	+0 33 48.4	+ 5.56	+53 59 30.7	9.999043
Marseille (Neue Sternw.) Mer.-Kr. [4]	75	+43 18 19.1	−0 21 34.56	− 3.54	+43 6 44.8	9.999320
Melbourne	28	−37 49 53.4	−9 39 54.17	−95.26	−37 38 39.9	9.999454
Merate (Filiale v. Mailand, Brera) .	380	+45 41 54.1	−0 37 42.85	− 6.20	+45 30 18.6	9.999279
Meudon	162	+48 48 18	−0 8 55.5	− 1.46	+48 36 48	9.999185
Mexico	2277	+19 26 1.3	+6 36 26.71	+65.13	+19 18 45.9	9.999995
Middletown, Conn. . .	70	+41 33 18	+4 50 38.2	+47.74	+41 21 47.6	9.999364
Mizusawa	61	+39 8 3.4	−9 24 31.46	−92.74	+38 56 42.7	9.999424
Modena	63	+44 38 52.8	−0 43 42.8	− 7.18	+44 27 17.2	9.999285
Montreal	57	+45 30 20	+4 54 18.63	+48.35	+45 18 44.4	9.999263
Mt. Hamilton (Lick) Mer.-Kr. .	1283	+37 20 25.6	+8 6 34.86	+79.94	+37 9 15.2	9.999552
Mt. Wilson Calif. . .	1742	+34 12 59.5	+7 52 14.33	+77.57	+34 2 13.3	9.999659

[1]) Seit 1860. Alte Sternwarte 8″.0 nördlich, 0ˢ.42 östlich. — [2]) Seit 1861. Alte Sternwarte 14″.2 nördlich, 4ˢ.00 westlich. — [3]) Alte Sternwarte 44″.0 nördlich, 17ˢ.1 östlich. — [4]) Seit 1866. Alte Sternwarte 30″.1 südlich, 6ˢ.2 westlich; Seehöhe 29ᵐ.

Name	Seehöhe	Geogr. Breite	Länge von Greenwich + westlich − östlich	Korr. der Sternzeit	Geoz. Breite	Log. ρ incl. Seehöhe
	m	° ′ ″	h m s	s	° ′ ″	
Moskau Mer.-Kr. . . .	142	+55 45 19.5	−2 30 17.03	−24.69	+55 34 31.5	9.999012
Mundenheim[1]) . . .	—	+49 27 30	−0 33 44	− 5.54	+49 16 2	9.999158
München (West-Kuppel) .	529	+48 8 45.5	−0 46 26.02	− 7.63	+47 57 13.8	9.999227
Münster	75	+51 57 45.8	−0 30 29.66	− 5.01	+51 46 30.0	9.999100
Nashville (Vanderbilt Obs.)	174	+36 8 58.2	+5 47 12.81	+57.04	+35 57 56.1	9.999506
Natal	79	−29 50 46.6	−2 4 1.18	−20.37	−29 40 47.0	9.999645
Neapel (Capo di Monte) .	154	+40 51 45.7	−0 57 1.40	− 9.37	+40 40 17.6	9.999387
Neuchâtel Refraktor . .	488	+46 59 49.5	−0 27 49.77	− 4.57	+46 48 15.4	9.999254
New Haven (Neue Stw.)[2])	40	+41 19 22.3	+4 51 40.58	+47.92	+41 7 52.7	9.999368
New York (Rutherfurd) .	—	+40 43 48.5	+4 55 56.66	+48.62	+40 32 20.9	9.999380
New York (Columb. Obs.)	—	+40 45 23.1	+4 55 53.73	+48.61	+40 33 55.4	9.999379
Nikolajew Mer.-Kr. . .	55	+46 58 19.3	−2 7 53.98	−21.01	+46 46 45.1	9.999225
Nizza Kl. Mer.-Kr.[3]) . .	378	+43 43 16.9	−0 29 12.15	− 4.79	+43 31 42.0	9.999330
Northfield (Goodsell Obs.)	290	+44 27 41.4	+6 12 35.94	+61.21	+44 16 5.9	9.999305
Oakland Californ.[4]) .	99	+37 47	+8 8 48	+80.30	+37 35 47	9.999460
Odessa (Univ.-Stw.) Mer.-Kr.	55	+46 28 36.2	−2 3 2.05	−20.21	+46 17 1.3	9.999237
Odessa (Filiale Pulkowa) .	—	+46 28 36.0	−2 3 2.19	−20.21	+46 17 1.1	9.999234
Oslo (Christiania) Mer.-Kr. .	25	+59 54 43.7	−0 42 53.51	− 7.04	+59 44 39.2	9.998908
Ottawa Mer.-Kr. . . .	85	+45 23 39.1	+5 2 51.98	+49.75	+45 12 3.5	9.999267
Oxford (Radcl. Obs.) . .	65	+51 45 33.9	+0 5 3.0	+ 0.83	+51 34 17.0	9.999104
Oxford (Univers.) . . .	64	+51 45 34.2	+0 5 0.4	+ 0.82	+51 34 17.3	9.999104
Oxford, Mississippi . .	140	+34 22 12.6	+5 58 7.18	+58.83	+34 11 25.1	9.999546
Padua	38	+45 24 1.2	−0 47 29.15	− 7.80	+45 12 25.6	9.999263
Palermo	72	+38 6 44.0	−0 53 25.87	− 8.78	+37 55 28.9	9.999451
Paris (Obs. nat.) Mer. Cassini	59	+48 50 11.2	−0 9 20.93	− 1.53	+48 38 41.5	9.999177
Paris (Montsouris) westl. Mer.	—	+48 49 18.0	−0 9 20.6	− 1.53	+48 37 48.2	9.999174
Peking	—	+39 54 23.0	−7 45 52.87	−76.53	+39 42 58.7	9.999401
Perth West-Austr. . .	60	−31 57 10.7	−7 43 21.62	−76.12	−31 46 46.9	9.999597
Petersburg (Leningrad) (Akademie) .	20	+59 56 29.7	−2 1 13.35	−19.91	+59 46 25.5	9.998907
Petersburg (Leningrad) (Univers.) .	4	+59 56 32.0	−2 1 11.3	−19.91	+59 46 27.8	9.998906
Philadelphia[5])	74	+39 58 2.1	+5 1 6.88	+49.47	+39 46 37.5	9.999404
Plonsk[6])	—	+52 37 40.0	−1 21 31.9	−13.39	+52 26 28.2	9.999078
Pola	32	+44 51 48.6	−0 55 23.07	− 9.10	+44 40 12.9	9.999277
Porto Alegre[7]) Mer.-Kr. .	—	−30 1 51	+3 24 53.2	+33.66	−29 51 49	9.999636
Portsmouth	—	+50 48 3	+0 4 24.8	+ 0.73	+50 36 41	9.999124
Posen	85	+52 23 48.6	−1 7 30.60	−11.09	+52 12 35.4	9.999090

[1]) Dr. Max Mündler. — [2]) Yale University. Alte Sternwarte 45″8 südlich, 1ˢ58 westlich. — [3]) Herr R. Bischofsheim. — [4]) Chabot Observatory. — [5]) Flower Obs. (Univ. of Pennsylvania). — [6]) Dr. Jedrzejewicz; 1898 nach Warschau verlegt. — [7]) Observatorio Regional do Rio Grande do Sul.

Koordinaten der Sternwarten

Name	Seehöhe	Geogr. Breite	Länge von Greenwich + westlich − östlich	Korr. der Sternzeit	Geoz. Breite	Log. ρ incl. Seehöhe
	m	° ′ ″	h m s	s	° ′ ″	
Potsdam (Astrophys. Obs.).	97	+52 22 56.0	− 0 52 15.86	− 8.58	+52 11 42.7	9.999091
Potsdam (Geod. Inst.) Turm	99	+52 22 54.8	− 0 52 16.11	− 8.58	+52 11 41.5	9.999091
Poughkeepsie[1] . . .	61	+41 41 18	+ 4 55 33.6	+48.56	+41 29 47	9.999360
Prag (Univ.-Stw.) Turm . .	197	+50 5 16.0	− 0 57 40.29	− 9.47	+49 53 50.9	9.999155
Prag (Safarik)	—	+50 4 24	− 0 57 48	− 9.49	+49 52 59	9.999142
Princeton N. J. (N.Stw.)[2]	75	+40 20 55.8	+ 4 58 39.44	+49.06	+40 9 29.7	9.999395
Providence[3]	171	+41 49 46.4	+ 4 45 37.64	+46.92	+41 38 15.2	9.999363
Pulkowa Zentr. d. Stw. .	75	+59 46 18.5	− 2 1 18.57	−19.93	+59 36 12.3	9.998914
Quebec Canada . . .	90	+46 47 59.2	+ 4 44 52.71	+46.80	+46 36 24.8	9.999231
Quito	2846	− 0 14 0	+ 5 13 58.20	+51.58	− 0 13 54	0.000194
Riga (Polytechnikum) Turm	—	+56 57 7	− 1 36 28.11	−15.84	+56 46 30	9.998974
Rio de Janeiro. . . .	63	−22 54 23.7	+ 2 52 41.52	+28.37	−22 46 6.0	9.999784
Rio de Janeiro (N. Stw.)	33	−22 53 41	+ 2 52 53.5	+28.40	−22 45 24	9.999782
Rom (Coll. Rom.) Mer.-Kr.	59	+41 53 53.6	− 0 49 55.36	− 8.19	+41 42 22.3	9.999354
Rom (Capitol) Mer.-Kr. . .	65	+41 53 33.2	− 0 49 56.34	− 8.20	+41 42 1.9	9.999355
Rom (Vatican) Mer.-Kr. .	100	+41 54 12.4	− 0 49 48.26	− 8.18	+41 42 41.1	9.999357
Rousdon	157	+50 42 38	+ 0 11 58.9	+ 1.96	+50 31 16	9.999137
Rugby	119	+52 22 30	+ 0 5 2.0	+ 0.83	+52 11 16.7	9.999093
St. Louis Missouri . .	—	+38 38 3.6	+ 6 0 49.15	+59.28	+38 26 45.5	9.999433
Saltsjöbaden (Stockholms Observator.)	55	+59 16 18	− 1 13 14	−12.03	+59 6 6	9.998924
San Fernando	30	+36 27 42.0	+ 0 24 49.30	+ 4.08	+36 16 37.7	9.999488
San Francisco[4] . . .	—	+37 47 28.0	+ 8 9 42.81	+80.45	+37 36 14.8	9.999453
Santiago de Chile (N. St.)	580	−33 33 44.2	+ 4 42 46.0	+46.44	−33 23 4.1	9.999595
Santiago de Chile (A. St.)	619	−33 26 25.4	+ 4 42 36.9	+46.42	−33 15 46.4	9.999600
Sétif	1120	+36 11 10	− 0 21 38.6	− 3.55	+36 0 7.7	9.999569
Simeïs	360	+44 24 11.6	− 2 15 59.38	−22.34	+44 12 36.1	9.999312
Sofia (Mil. Geogr. Jnst.). .	555	+42 41 51	− 1 33 19.87	−15.33	+42 30 18	9.999368
Sonneberg (Hoffmeister) .	405	+50 21 29.5	− 0 44 42.87	− 7.34	+50 10 5.5	9.999163
Sonneberg (Erbisbühl). .	640	+50 22 41.4	− 0 44 46.19	− 7.36	+50 11 17.5	9.999178
South Hadley	76	+42 15 18.2	+ 4 50 19	+47.69	+42 3 45.9	9.999346
Stará Dala[5]	113	+47 52 27.3	− 1 12 45.49	−11.95	+47 40 54.9	9.999206
Stockholm (Alte St.) M.-Kr.[6]	44	+59 20 32.7	− 1 12 13.97	−11.86	+59 10 21.4	9.998922
Stonyhurst	116	+53 50 40.0	+ 0 9 52.7	+ 1.62	+53 39 36.5	9.999056
Straßburg (N.St.). M.-Kr.[7]	144	+48 35 0.4	− 0 31 4.53	− 5.10	+48 23 29.9	9.999190
Sydney	44	−33 51 41.1	−10 4 49.54	−99.36	−33 40 58.2	9.999551
Tacubaya[8]	2311	+19 24 17.9	+ 6 36 46.71	+65.18	+19 17 3.0	9.999997
Tartu (Dorpat, Jurjew) Mer.-Kr.	67	+58 22 47.2	− 1 46 53.19	−17.56	+58 12 25.1	9.998946
Taschkent	479	+41 19 36.7	− 4 37 10.57	−45.53	+41 8 7.1	9.999398

[1]) Vassar College. — [2]) Alte Sternwarte 2″.0 nördlich, 1s.94 östlich; 65m. — [3]) Seagrave. Ladd Observatory 35″ nördlich, 1s.57 östlich. — [4]) Davidson Observatory. — [5]) Früher O-Gyalla. — [6]) Neue Sternwarte seit 1931 in Saltsjöbaden. — [7]) Seit Anfang 1881. — [8]) Seit März 1883, früher in Chapultepec.

Name	Seehöhe	Geogr. Breite	Länge von Greenwich + westlich — östlich	Korr. der Sternzeit	Geoz. Breite	Log. ρ incl. Seehöhe
	m	° ′ ″	h m s	s	° ′ ″	
Teramo (Cerulli)	398	+42 39 27	— 0 54 55.8	— 9.02	+42 27 54	9.999358
Tokio	59	+35 40 21.4	— 9 18 10.09	— 91.69	+35 29 23.0	9.999509
Toronto	116	+43 40 1.3	+ 5 17 34.67	+ 52.17	+43 28 26.5	9.999313
Tortosa (Ebro-Stw.) M.-Kr.	54	+40 49 14	— 0 1 58	— 0.32	+40 37 46	9.999382
Toulouse Mer.-Kr. . . .	195	+43 36 44.0	— 0 5 51.2	— 0.96	+43 25 9.3	9.999320
Triest	23	+45 38 45.4	— 0 55 2.90	— 9.04	+45 27 9.9	9.999256
Tsingtau (Met.-astr. Stat.) .	—	+36 4 11.3	— 8 1 16.21	— 79.06	+35 53 9.8	9.999496
Tucson Arizona (Steward Obs.) .	757	+32 13 59.4	+ 7 23 47.68	+ 72.90	+32 3 32.6	9.999638
Turin Mer.-Kr.	276	+45 4 7.9	— 0 30 47.15	— 5.06	+44 52 32.2	9.999288
Turin (Pino Torinese) .	618	+45 2 16.3	— 0 31 5.95	— 5.11	+44 50 40.6	9.999312
Upsala (N. Stw.) Pass.-Instr.	21	+59 51 29.4	— 1 10 30.13	— 11.58	+59 41 24.2	9.998909
Urbana Jll.	236	+40 6 20.2	+ 5 52 53.90	+ 57.97	+39 54 55.1	9.999412
Utrecht.	12	+52 5 9.5	— 0 20 31.6	— 3.37	+51 53 54.4	9.999093
Valkenburg (Ignatius Coll.)	100	+50 52 29.3	— 0 23 19.91	— 3.83	+50 41 7.8	9.999129
Venedig	15	+45 26 10.5	— 0 49 22.12	— 8.11	+45 14 34.9	9.999261
Victoria B.C. (Dominion Obs.)	229	+48 31 15.7	+ 8 13 40.17	+ 81.18	+48 19 45.0	9.999197
Warschau[1]) Zentr. d. Stw.	121	+52 13 4.6	— 1 24 7.25	— 13.82	+52 1 50.3	9.999097
Warschau[2])	—	+52 13 10	— 1 24 4.8	— 13.81	+52 1 56	9.999088
Warschau (Techn. Hochsch.)	144	+52 13 21.0	— 1 24 2.4	— 13.81	+52 2 6.8	9.999098
Washington (Alte Stw.) .	31	+38 53 38.9	+ 5 8 12.13	+ 50.63	+38 42 19.4	9.999428
Washington (Neue Stw.) .	82	+38 55 14.0	+ 5 8 15.78	+ 50.64	+38 43 54.4	9.999431
Washington (Kath. Univ.)	—	+38 56 14.8	+ 5 8 0.0	+ 50.60	+38 44 55.1	9.999425
Wellington Transit Instr.[3])	127	—41 17 3.8	—11 39 4.27	—114.84	—41 5 34.3	9.999375
West Point N. Y. (N. Stw.)[4])	170	+41 23 22.1	+ 4 55 50.6	+ 48.60	+41 11 52.3	9.999375
Wien (Alte Sternw.) . . .	167	+48 12 35.5	— 1 5 31.61	— 10.76	+48 1 3.9	9.999201
Wien (Josephstadt)[5]) . . .	214	+48 12 53.8	— 1 5 25.17	— 10.74	+48 1 22.2	9.999204
Wien (Neue Sternw.) Zentr.	240	+48 13 55.3	— 1 5 21.35	— 10.73	+48 2 23.8	9.999205
Wien (Ottakring)[6]) . . .	285	+48 12 46.7	— 1 5 10.97	— 10.71	+48 1 15.1	9.999209
Wien (Mil. Geogr. Inst.) .	211	+48 12 40.5	— 1 5 26.24	— 10.75	+48 1 8.9	9.999203
Wien (Techn. Hochschule) .	198	+48 11 58.3	— 1 5 29.76	— 10.76	+48 0 26.7	9.999204
Wilhelmshaven Mer.-Kr.	9	+53 31 52.1	— 0 32 35.15	— 5.35	+53 20 46.4	9.999057
Williams-Bay Wisc.[7]) .	334	+42 34 12.6	+ 5 54 13.24	+ 58.19	+42 22 39.6	9.999356
Williamstown Mass. .	213	+42 42 49	+ 4 52 53.5	+ 48.12	+42 31 16	9.999344
Wilna Pass.-Instr. . . .	122	+54 40 59.1	— 1 41 8.76	— 16.61	+54 30 2.1	9.999036
Windsor N. S. W.[8]) . .	16	—33 36 30.8	—10 3 20.77	— 99.11	—33 25 50.2	9.999556
Wolfersdorf	279	+50 47 20.0	— 0 46 50.94	— 7.70	+50 35 58.0	9.999143
Zô-sè China	100	+31 5 47.6	— 8 4 44.75	— 79.63	+30 55 33.2	9.999619
Zürich Meridian-Kreis . .	468	+47 22 38.3	— 0 34 12.3	— 5.62	+47 11 4.8	9.999242

[1]) Universitäts-Sternwarte. — [2]) Dr. Jedrzejewicz; seit 1898, früher in Plonsk. — [3]) Dominion Observatory. — [4]) Seit 1883. Alte Sternwarte 9″ nördlich, 1s2 östlich. — [5]) von Oppolzers Sternwarte. — [6]) v. Kuffner. — [7]) Yerkes Observatory. — [8]) J. Tebbutt. Neue Sternwarte, 0″.4 südlich von der alten.

Normalzeiten der wichtigeren Länder

a) An den Meridian von Greenwich angeschlossen

Normalzeit = Mittl. Ortszeit des Meridians	Bezeichnung	Staaten
östl. Gr. h m		
11 30	—	Neu Seeland
10 0	Ostaustralische Z.	Victoria, Neu Süd-Wales, Queensland, Tasmanien
9 30	—	Süd-Australien
9 0	—	Japan, Korea
8 0	Ostchinesische Küsten-Z.	Ostküste von China, West-Australien
7 0	Südchinesische Küsten-Z.	Südküste von China, Franz. Indochina
5 30	—	Indien, Ceylon
4 0	—	Europ. Rußland*) von 40° bis 52° 30′ östl. Länge
3 0	—	Europ. Rußland*) westl. von 40° östl. Länge
2 30	—	Deutsch Ostafrika
2 0	Osteuropäische Z.	Finnland, Estland, Lettland, Bulgarien, Rumänien, Griechenland, Türkei, Palästina, Ägypten, Süd-Afrika
1 0	Mitteleuropäische Z. (M. E. Z.)	Norwegen, Schweden, Dänemark, Deutschland, Österreich, Ungarn, Schweiz, Italien, Litauen, Polen, Tchechoslovakei, Jugoslavien, Kamerun, Deutsch Südwest-Afrika
h m 0 0	Westeuropäische Z. (Greenwich Z.)	Belgien, Frankreich, Großbritannien und Irland, Luxemburg, Portugal, Spanien, Gibraltar, Algerien
westl. Gr. h m		
1 0	—	Island, Madeira, Kanarische Inseln
2 0	—	Azoren, Kap Verdesche Inseln
3 0	—	Ost-Brasilien
3 30	—	Uruguay
4 0	Atlantic St. Time	Mittel-Brasilien, Argentinien, Canada (Küste)
4 30	—	Venezuela
5 0	Eastern St. Time	Canada (Quebec, Ontario zwischen 68° und 90° westl.), Vereinigte Staaten (Ost-Zone), Chile, Panama, Peru, West-Brasilien, Columbien
6 0	Central St. Time	Zentral-Zone von Canada und von den Vereinigten Staaten, Ostmexico
7 0	Mountain St. Time	Gebirgszone von Canada und von den Vereinigten Staaten, Westmexico
8 0	Pacific St. Time	Vereinigte Staaten (Pacifische Küste), Britisch Columbien
10 30	—	Hawaii (Sandwich Inseln)

*) Im Gebiet der Sowjet-Republiken sind alle Uhren 1 Stunde vorgestellt.

b) Nicht an den Meridian von Greenwich angeschlossen

Staaten	Meridian	Längendifferenz gegen Greenwich
Ecuador	Quito	$5^h\ 14^m\ 6^s.7$ W.
Niederlande	Amsterdam	0 19 32.1 O.

Besondere Erläuterungen zu den Angaben und zum Gebrauch des Jahrbuchs.

Das Jahrbuch gibt die Örter der *Wandelsterne* in geozentrischen und in heliozentrischen Koordinaten. Die Zeitpunkte, für die sie gelten, sind in Welt-Zeit ausgedrückt, wenn nicht ausdrücklich eine andere Zeit angegeben wird. **Welt-Zeit ist identisch mit Bürgerlicher Zeit Greenwich.** Der bürgerliche Tag beginnt um Mitternacht, die Welt-Zeit-Stunden sind von 0^h bis 24^h durchgezählt. Die Beziehung zu der bis zum Jahrgang 1924 (einschließlich) im Jahrbuch verwendeten Mittleren Zeit Greenwich besteht darin, daß der astronomische mittlere Tag erst am Mittag des bürgerlichen Tages, also 12^h nach dessen Anfang beginnt. Somit ist 1925 Jan. 1, 0^h Welt-Zeit gleich 1924 Dez. 31, 12^h Mittlere Zeit Greenwich.

Die Örter der *Fixsterne* sind gegeben als »Mittlere Sternörter«, bezogen auf das mittlere Äquinoktium des Jahresanfangs, und in Ephemeridenform als »Scheinbare Sternörter«, bezogen auf das instantane wahre Äquinoktium.

Zur Erläuterung ist im einzelnen folgendes zu bemerken:

Sonnenephemeride (S. 2—29 und 100—108).

Der erste Teil der Sonnenephemeride (S. 2—19) gibt auf den linken Seiten für 0^h Welt-Zeit an jedem Tage:

1) Die Zeitgleichung = Mittlere Zeit *minus* Wahre Zeit.

2) Die geozentrischen, äquatorialen Koordinaten α, δ des scheinbaren Sonnenorts, bezogen auf das jedesmalige wahre Äquinoktium, zugleich mit der ersten Differenzenreihe. Diese Angaben sind direkt mit den Beobachtungen vergleichbar. Die Nutationsglieder kurzer Periode sind, wie im Vorwort erwähnt, in den Koordinaten nicht enthalten.

3) Die halbe Durchgangsdauer (in Sternzeit) der Sonnenscheibe durch den Meridian.

4) Den geozentrischen Halbmesser der Sonnenscheibe, d. i. der Winkel, unter dem der Sonnenhalbmesser vom Erdmittelpunkt aus erscheint.

Die rechten Seiten geben:

1) Die Julianische Zeit, d. i. die Anzahl der seit Beginn der Julianischen Periode verflossenen mittleren Sonnentage.

2) Die Sternzeit für 0^h Welt-Zeit. In ihr sind, wie im Vorwort erwähnt, nur die langperiodischen Glieder der Nutation enthalten.

Um für einen Erdort der westlichen Längendifferenz $\Delta\lambda$ (in Stunden) gegen Greenwich die Sternzeit in seiner mittleren Mitternacht zu erhalten, ist zu diesen Angaben hinzuzulegen: $9^s.8565\ \Delta\lambda$. Diese Werte finden sich unter der Überschrift: »Korr. der Sternzeit« im Verzeichnis der Sternwarten.

3) Die Nutation in Rektaszension getrennt nach langperiodischen und kurzperiodischen Gliedern.

4) Die geozentrischen ekliptikalen Koordinaten λ, β der Sonne, bezogen auf das mittlere Äquinoktium des Jahresanfangs, sowie log R, den Logarithmus der Entfernung R der Erde von der Sonne. Diese Angaben finden bei Bahnberechnungen u. dergl. Verwendung.

5) Die bürgerlichen Ortszeiten des Aufgangs und Untergangs der Sonne für einen Ort des Nullmeridians in $+50°$ Breite; sie sind mit der Horizontalrefraktion $34'$ berechnet und gelten für den oberen Rand der Sonne. Um daraus für einen beliebigen anderen Ort zwischen $+30°$ und $+60°$ geographischer Breite die entsprechenden Angaben zu erhalten, ist die Tabelle S. 336*, 337* zu benutzen.

Auf S. 20—28 folgen, bezogen auf das mittlere Äquinoktium des Jahresanfangs, die rechtwinkligen, geozentrischen, äquatorialen Sonnenkoordinaten für 0^h Welt-Zeit mit ihren ersten und zweiten Differenzen. Die gleichen Koordinaten, jedoch bezogen auf das Normaläquinoktium 1925.0, werden auf S. 100—108 gegeben.

Die Werte von X, Y, Z sind auf 6 Dezimalen gegeben. Die Ephemeriden bieten jedoch die Möglichkeit, die Sonnenkoordinaten auch auf 7 Dezimalen zu entnehmen. Zu diesem Zwecke füge man an die 6-stelligen Werte eine Null an und vereinige sie algebraisch mit den Werten von ΔX, ΔY, ΔZ. Ein ausführliches Beispiel hierfür ist im Jahrgang 1933, S. 362* gegeben.

Die gleichen Vorschriften gelten für die auf das Normaläquinoktium 1925.0 bezogenen Sonnenkoordinaten auf S. 100—108.

Am Fuß der Seite 28 finden sich die Zeiten für die Anfänge der Jahreszeiten und für die Erdnähe und Erdferne der Sonne.

Die Seite 29 enthält die Aberration, Parallaxe, mittlere Länge $L_\odot$ und mittlere Anomalie $M_\odot$ der Sonne im Intervall von je 10 Tagen.

Mondephemeride (S. 30—48).

Die Mondephemeride (S. 30—47) gibt auf den linken Seiten für 0^h Welt-Zeit:

1) Die scheinbare Rektaszension und Deklination des Mondmittelpunktes mit den ersten Differenzen.

2) Die Äquatorial-Horizontalparallaxe $p_☾$ des Mondes.

3) Den geozentrischen Mondhalbmesser $r_☾$, d. i. der Winkel, unter dem der Mondhalbmesser vom Erdmittelpunkt aus erscheint.

4) Die Länge und Breite des Mondes, abgekürzt auf 0°001.

Die rechten Seiten enthalten:

1) Für den oberen Durchgang des Mondes durch den Meridian von Greenwich die genäherten Angaben für die Rektaszension, Deklination und Parallaxe des Mondmittelpunktes, sowie die bürgerliche Greenwicher Zeit dieses Durchgangs, nebst den Änderungen für 1^h westlicher Längendifferenz.

2) Die bürgerlichen Ortszeiten des Aufgangs und Untergangs des Mondes für einen Ort des Nullmeridians in + 50° Breite nebst Änderung für 1^h westlicher Längendifferenz; sie sind mit der Horizontalrefraktion 34′ berechnet und gelten für den oberen Rand des Mondes. Um daraus für einen beliebigen anderen Ort zwischen +30° und +60° geographischer Breite die entsprechenden Angaben zu erhalten, ist die Tabelle S. 338*, 339* zu benutzen.

Seite 48 enthält die Zeitangaben für die Phasen und die Erdnähe und Erdferne des Mondes.

Ephemeriden der Großen Planeten (S. 49—99 und 109—112).

Die geozentrischen Örter der Planeten sind für Merkur, Venus, Mars, Jupiter, Saturn von Tag zu Tag, für Uranus, Neptun und Pluto von 4 zu 4 Tagen für 0^h Welt-Zeit mit ihren ersten Differenzen gegeben. Für die Planeten Merkur bis Neptun sind scheinbare, auf das momentane wahre Äquinoktium bezogene Örter gegeben. Die Örter von Pluto sind auf das mittlere Äquinoktium 1925.0 bezogen und sind nicht wegen Aberration korrigiert. Zur bequemeren Vergleichung der Beobachtungen mit der Ephemeride sind bei diesem Planeten Fixsternaberration und Lichtzeit in besonderen Spalten angeführt. Die letzte Spalte gibt die bürgerliche Zeit (Greenwich) der oberen Kulmination in Greenwich.

Die Örter von Pluto sind nach den Elementen XIX von E.C. Bower, Lick Observatory Bulletin 437, unter Berücksichtigung der Störungen durch Jupiter, Saturn, Uranus und Neptun berechnet.

Die scheinbaren Halbmesser in der Einheit der Entfernung sind:

Merkur	3″34	Saturn (äquat.)	81″4
Venus	8.78	» (polar)	73.4
Mars	4.68	Uranus	34.7
Jupiter (äquat.)	99.8	Neptun	45
» (polar)	92.6		

Die heliozentrischen Ephemeriden der Planeten (S. 109—112) geben den Log. des Radiusvector, die Länge, deren Reduktion auf die Bahn und die Breite bezogen auf das mittlere Äquinoktium 1925.0.

☊ und i stellen die Bahnlage für die Epoche 1925.0 und das Normaläquinoktium 1925.0 dar.

Die Genauigkeit und Ausführlichkeit dieser heliozentrischen Angaben sind ihrem Hauptzweck, zur Berechnung der speziellen Störungen zu dienen, angepaßt.

Die beigefügten Werte der Planetenmassen sind die den Tafeln von Newcomb und von Hill zugrunde liegenden. Für die Erde ist noch besonders zu erwähnen, daß die Masse von »Erde + Mond« gegeben ist, Radiusvector und heliozentrische Länge sich auf den Schwerpunkt des Systems »Erde + Mond« beziehen.

Mittlere Örter von 925 Fixsternen (S. 2*—25*).

Die mittleren Örter der 925 Fixsterne sind aus den Daten der Veröffentlichung Nr. 33 des *Königlichen Astronomischen Rechen-Instituts* mit den daselbst angegebenen Hilfsgrößen für Präzession und Eigenbewegung abgeleitet worden. Nur die mittleren Örter der 20 Polsterne sind durch numerische Integration berechnet.

Ein * vor dem Namen weist auf eine Anmerkung am Fuß der Seite hin.

Unter Gr. stehen die visuellen Größen, welche aus der »Revised Harvard Photometry« in »Harvard Annals, vol. 50« entnommen sind, sofern nichts Anderes bemerkt ist. Wo für einen Stern zwei Größen gegeben sind, beziehen sich diese auf die Komponenten eines Doppelsterns. Die in den Anmerkungen gegebenen Größen für Doppelsternkomponenten und für die Extrema der Veränderlichen sind dem »Henry Draper Catalogue« entnommen.

Die Spektren sind aus dem Draper Katalog übernommen worden. Zusammengesetzte Spektren sind durch + gekennzeichnet. In anderen Fällen beziehen sich, wo 2 Spektren gegeben sind, diese auf die Komponenten eines Doppelsterns.

Scheinbare Örter von 579 Fixsternen (S. 26*—235*).

Die scheinbaren Rektaszensionen und Deklinationen der Fixsterne sind für den Moment der oberen Kulmination im Meridian von Greenwich gegeben.

Die Ephemeriden der 555 Sterne mit Deklinationen kleiner als 80°, deren scheinbare Örter von 10 zu 10 Sterntagen gegeben sind, enthalten die kurzperiodischen Mondglieder der Nutation nicht. Das Datum des Tages, an welchem zwei Kulminationen stattfinden, ist in kleinem Druck vor der Rektaszensionsspalte angeführt.

Die jährliche Parallaxe ist bei folgenden Sternen berücksichtigt, bei denen sie 0″.20 übersteigt und hinreichend verbürgt erscheint, nämlich:

Nr. 59	τ Ceti	mit	0″.31	Nr. 538	α Centauri	mit	0″.75
Nr. 127	ε Eridani	»	0.32	Nr. 745	α Aquilae	»	0.23
Nr. 257	α Can. maj.	»	0.38	Nr. 793	61 Cygni	»	0.30.
Nr. 291	α Can. min.	»	0.33				

Von den im B. J. nicht mit Ephemeriden versehenen Sternen des N. F. K. besitzt noch Nr. 825, ε Indi, eine Parallaxe von 0.″25.

Die Ephemeriden der auf S. 2*—24* eingeklammerten Sterne findet man im Almanaque Nautico.

Es folgen die scheinbaren Örter von 20 Polsternen für jede obere Kulmination. Sie enthalten die kurzperiodischen Mondglieder nicht, jedoch sind deren Werte in besonderen Spalten gegeben.

Am Fuße der Ephemeriden ist der mittlere Ort eines jeden Sternes für den Anfang des Jahres und die Werte von sec δ und tg δ angegeben, welche bei der Reduktion der Meridianbeobachtungen nach der hierfür am zweckmäßigsten erscheinenden Besselschen Formel gebraucht werden. Ferner sind hier die Größen a, b, a', b' enthalten, mit deren Hilfe die Nutationsglieder kurzer Periode leicht berechnet werden können. Man erhält $A'a + B'b$ in Zeitsekunden, $A'a' + B'b'$ in Winkelsekunden.

Auf den Seiten 226*—235* sind die scheinbaren, rechtwinkligen Koordinaten von vier polnahen Sternen gegeben. Sie beziehen sich auf ein Koordinatensystem, dessen positive x-Achse nach dem Frühlingspunkt und dessen positive y-Achse nach dem Punkt $\alpha = 6^h$, $\delta = 0°$ gerichtet ist. Der Zusammenhang zwischen x, y und α, δ ist gegeben durch die Beziehungen: $x = \cos\delta \cos\alpha$, $y = \cos\delta \sin\alpha$. Die Angaben gelten für 12^h Sternzeit Greenwich und enthalten die kurzperiodischen Mondglieder der Nutation nicht, deren Werte jedoch in der letzten Spalte einer jeden Seite unter der Überschrift »Kurzperiod. Mondgl.« gegeben sind.

Als Quellen für die Koordinaten und Eigenbewegungen dieser vier Sterne sind benutzt worden:

für BD + 89° 1: L. Courvoisier: Beobachtungen des Sterns BD 89° 1 am großen Meridiankreis der Berliner Sternwarte. Astron. Nachr. Bd. **200**, 243,

für BD + 89° 3: L. Courvoisier: Ephemeriden der Polsterne BD 89° 3 und BD 89° 37 für 1923. Astron. Nachr. Bd. **217**, 319,

für BD + 89° 37: L. Courvoisier: Neue Position und Eigenbewegung des Polsterns BD + 89° 37. Astron. Nachr. Bd. **230**, 71,

für CPD — 89° 38: Cape Annals Bd. **XI**, II, 244 für den Ort und eine briefliche Mitteilung für die Eigenbewegung.

Mit den an diesen Stellen gegebenen Werten findet man folgende mittleren Örter für 1935.0:

Name	Gr.	x	Jährliche Veränd. 1935.5	Jährliche Eigenbew.	y	Jährliche Veränd. 1935.5	Jährliche Eigenbew.
	M	″	″	″	″	″	″
BD+89° 1	10.56	—179.46	—20.086	—0.024	+ 79.14	—0.050	—0.008
BD+89° 3	9.06	+ 21.02	—20.240	—0.003	+863.62	—0.003	—0.006
BD+89° 37	10.06	—961.69	—19.978	—0.011	—344.17	—0.202	+0.015
CPD—89° 38	9.5	—126.91	+20.140	+0.027	—307.50	+0.005	+0.031

Reduktionsgrößen (S. 236*—276*).

Auf die scheinbaren Örter der Sterne folgt S. 236* eine Zusammenstellung der Werte, mit welchen die Reduktionsgrößen der darauf folgenden Tafeln berechnet sind, und der Formeln für die Reduktion auf den scheinbaren Ort.

Die Größen zur »Reduktion auf den scheinbaren Ort« sind in ihrer *ersten* Form: A, B, C, D, E; A', B' gegeben für 12^h Sternzeit des Meridians von Greenwich:

1) Auf S. 237* im Intervall von 10 Sterntagen.

Diese Tafel soll zur Berechnung von Sternephemeriden für die Epochen der Meridiandurchgänge dienen. Wegen ihrer logarithmischen Form und des großen Intervalls ist die Tafel zur Interpolation nicht geeignet. Man wird deshalb zweckmäßig die Interpolation erst nach der Summierung der einzelnen unmittelbar für die Epochen der Tafel berechneten Glieder vornehmen.

2) Auf S. 256*—264* für jeden Sterntag. Hier sind die numerischen Werte von A, B, C und D mit ihren Differenzen gegeben und die kurzperiodischen Mondglieder A' und B' mit angeführt.

Beiden Tafeln ist in einer Spalte die dem festen Sternzeitmoment jedesmal entsprechende Welt-Zeit vorangestellt; man wird hiernach auf jeden beliebigen Zeitpunkt, gegeben durch Datum, Sternzeit und Längendifferenz gegen Greenwich, übergehen können. Eine weitere Spalte gibt die seit Beginn des annus fictus verflossene Zeit in Bruchteilen des tropischen Jahres.

Die Reduktionsgrößen der *zweiten* Form: f, log g, G, log h, H, log i und i, sowie f', g' und G' sind S. 238*—255* von Tag zu Tag für 0^h Welt-Zeit gegeben.

Auch hier findet sich eine Spalte, t überschrieben, welche die seit Beginn des annus fictus verflossene Zeit in Bruchteilen des tropischen Jahres gibt. Ferner ist die Sternzeit Greenwich für 0^h Welt-Zeit gegeben.

Die Seiten mit ungerader Seitenzahl enthalten außer den schon erwähnten f', g', G' noch folgende Größen:

a) ψ = Allgemeine Präzession seit Jahresanfang.
b) $\Delta\psi$ = Langperiodische Glieder der Nutation in Länge.
c) $\Delta\psi'$ = Kurzperiodische Glieder der Nutation in Länge.
d) ε = Wahre Schiefe der Ekliptik.
e) $\Delta\varepsilon$ = Langperiodische Glieder der Nutation in Schiefe.
f) $\Delta\varepsilon'$ = Kurzperiodische Glieder der Nutation in Schiefe.
g) Die Koeffizienten j und k, welche in den Formeln auf S. 267* vorkommen.

Die mittlere Schiefe erhält man durch Subtraktion der Gesamtnutation ($\Delta\varepsilon + \Delta\varepsilon'$) von der wahren Schiefe.

Auf S. 265* findet sich eine Tafel der Hilfsgrößen zur Berechnung der Präzession von verschiedenen mittleren Äquinoktien bis 1935.0.

S. 266* enthält eine Tafel der Hilfsgrößen zur Übertragung der Polsternörter von verschiedenen mittleren Äquinoktien auf das mittlere Äquinoktium 1935.0.

Auf S. 267* sind die Formeln zusammengestellt, mit welchen bei Anschlußbeobachtungen die gemessenen Koordinatendifferenzen der scheinbaren Örter in solche der mittleren Örter für den Jahresanfang übergeführt werden. Die in diesen Formeln auftretenden Koeffizienten j und k sind auf den Seiten 239*—255* enthalten und haben die Bedeutung

$$j = 15\, g \text{ arc } 1'$$
$$k = 15\, h \text{ arc } 1',$$

wobei g und h die auf den Seiten 238*—254* gegebenen Reduktionsgrößen sind.

S. 268* enthält eine Zusammenstellung der von der Deklination abhängenden Faktoren der Formeln auf S. 267*.

S. 269* enthält eine Tafel der numerischen Werte der Funktionen Sinus und Cosinus für in Zeit ausgedrückte Winkel. Ihre Benutzung erleichtert die Berechnung der Formeln auf S. 267*.

Die Seite 270* enthält eine Tafel zur Übertragung von Rektaszensions- und Deklinationsdifferenzen vom mittleren Äquinoktium 1935.0 auf das Normaläquinoktium 1925.0. Man findet die auf das Normaläquinoktium 1925.0 bezogene Koordinatendifferenz, indem man an die auf das mittlere Äquinoktium 1935.0 bezogene Rektaszensionsdifferenz die differentielle Präzession Δp_α^{s} und an die Deklinationsdifferenz die differentielle Präzession $\Delta p_\delta''$ anbringt:

$$\Delta p_\alpha^{s} = a_1 \operatorname{tg} \delta \cdot \Delta\alpha^{m} + a_2 \frac{1}{15} \sec^2 \delta \cdot \Delta\delta',$$
$$\Delta p_\delta'' = d_1 \cdot \Delta\alpha^{m}.$$

Die Koeffizienten a_1, a_2 und d_1 sind in der Tafel auf S. 270* enthalten und haben die Bedeutung

$$a_1 = (n) \text{ arc } 1' \cos \alpha$$
$$a_2 = (n) \text{ arc } 1' \sin \alpha$$
$$d_1 = -15\,(n) \text{ arc } 1' \sin \alpha.$$

$\Delta\alpha^{m}$ und $\Delta\delta'$ sind die auf das mittlere Äquinoktium 1935.0 bezogenen Rektaszensions- und Deklinationsdifferenzen in Zeit- bez. Winkelminuten. Nach den angegebenen Formeln findet man die differentielle Präzession für Rektaszension in Zeitsekunden, diejenige für Deklination in Winkelsekunden.

Die auf den Seiten 271*—272* gegebenen Größen f, $\log g$ und G dienen zur Übertragung der Örter von dem *mittleren* Normaläquinoktium 1925.0 auf das jedesmalige *wahre* Äquinoktium. Die Berücksichtigung des Einflusses der Variatio saecularis bei dieser Übertragung ist durch die Tafel auf S. 273* gegeben. Diese enthält in der ersten Reihe einer jeden Vertikalspalte die Werte von 0.500 × Var. saec. für die mit den Argumenten α und δ gegebenen Örter. Die an zweiter Stelle stehenden Zahlen einer jeden Vertikalspalte sind die einjährigen Änderungen von 0.500 × Var. saec. und sind, wenn erforderlich, bei der Entnahme des Einflusses der Variatio saecularis für den in Frage kommenden Bruchteil des Jahres zu berücksichtigen.

Eine Tafel zur Übertragung von Sternörtern vom mittleren Äquinoktium 1935.0 auf das Normaläquinoktium 1925.0 befindet sich auf den Seiten 274*—276*.

Die hier tabulierten Größen sind gerechnet nach den Formeln:

$$A = (m) + \frac{\nu^2}{4} \sin 2a$$
$$A_1 = \nu \sin a$$
$$A_2 = \frac{\nu^2}{2} \sin 2a$$
$$D = \nu \cos a$$
$$D_1 = -\frac{\nu^2}{2} \sin^2 a,$$

wobei $\nu = \sin (n)$, $a = \alpha_{1935.0} + 90° - (N)$. Betreffs der Größen (m), (n) und $90° - (N)$ vgl. S. 266*.

Sonnen- und Mondfinsternisse (S. 278*—287*).

Die bei den Sonnenfinsternissen gegebenen Besselschen Elemente dienen in der folgenden Weise zur Vorausberechnung der Phasenzeiten und der Positionswinkel der Kontakte:

Mit einer Ausgangszeit T (siehe weiter unten) entnimmt man der Elemententabelle die Werte:

x, y, log sin d, log cos d, μ, l ($l^{(a)}$ für äußere, $l^{(i)}$ für innere Berührung), log tang f ($f^{(a)}$ für äußere, $f^{(i)}$ für innere Berührung), x' und y'.

Mit ihnen rechnet man das folgende Formelsystem durch:

$$(1) \quad \begin{cases} \xi = c \cos \varphi \sin (\mu - \lambda) \\ \eta = s \sin \varphi \cos d - c \cos \varphi \sin d \cos (\mu - \lambda) \\ \zeta = s \sin \varphi \sin d + c \cos \varphi \cos d \cos (\mu - \lambda) \\ \xi' = [7.6398 - 10]\, c \cos \varphi \cos (\mu - \lambda) \\ \eta' = [7.6398 - 10]\, \xi \sin d, \end{cases}$$

worin φ die geographische Breite, λ die westliche Länge (von Greenwich) des Beobachtungsortes bezeichnen, s und c aus der Tafel auf S. 342* zu entnehmen sind.

Alsdann:

$$(2) \quad \begin{cases} m \sin M = x - \xi \\ m \cos M = y - \eta \end{cases} \; m > 0 \qquad \begin{cases} n \sin N = x' - \xi' \\ n \cos N = y' - \eta' \end{cases} \; n > 0$$

Nun berechnet man aus:

$$(3) \quad L = l - \zeta \operatorname{tang} f$$

$L^{(a)}$ mit $l^{(a)}$ und $f^{(a)}$, $L^{(i)}$ mit $l^{(i)}$ und $f^{(i)}$; dann aus:

$$(4) \quad \sin \psi = \frac{m \sin (M - N)}{L} \text{ [1]}$$

[1]) Wird der Winkel ψ bei der ersten Näherungsrechnung imaginär, so rechne man τ unter der Annahme $\psi = 90°$ aus $\tau = -\frac{m \cos (M - N)}{n}$; bleibt ψ auch in der weiteren Rechnung imaginär, so deutet dies an, daß an dem betreffenden Orte keine Sonnenfinsternis stattfindet.

mit $L^{(a)}$ und $L^{(i)}$ je zwei Werte $\psi^{(a_1)}$, $\psi^{(a_2)}$ und $\psi^{(i_1)}$, $\psi^{(i_2)}$, von denen der eine zum Eintritt der Erde in den Halb- oder Kernschatten-Kegel, der andere zu ihrem Austritt aus ihm gehört. Diesen vier Werten $\psi^{(a_1)}$, $\psi^{(a_2)}$ und $\psi^{(i_1)}$, $\psi^{(i_2)}$ entsprechen vier Werte $\tau^{(a_1)}$, $\tau^{(a_2)}$ und $\tau^{(i_1)}$, $\tau^{(i_2)}$ (in Zeitminuten) nach

$$(5) \quad \tau = -\frac{m \cos (M - N)}{n} + \frac{L \cos \psi}{n},$$

um welche die Ausgangszeit T zu verbessern ist, um die Zeit der gesuchten Phase zu erhalten. Ist T die gesuchte Phasenzeit, so wird $\tau = 0$ werden. Man muß daher das Formelsystem (1) bis (5) mit steigenden Näherungen solange durchrechnen, bis dieser Fall eintritt, d. h. bis das Formelsystem sich schließt. Zu diesem Zweck beginnt man mit einem Näherungswert T_1, für den man, wenn kein besserer bekannt sein sollte, eine beliebige Zeit nahe der Mitte der Finsternis nehmen mag, und rechnet die erste genäherte Korrektion τ_1; dann wiederholt man die Rechnung mit $T_2 = T_1 + \tau_1$, dann mit $T_3 = T_2 + \tau_2 = T_1 + \tau_1 + \tau_2$ usf. bis $\tau_n = 0$ sich ergibt. T_n ist dann die gesuchte Welt-Zeit des Kontaktes, die durch Hinzufügung der Längendifferenz in mittlere Ortszeit zu verwandeln ist. Die Rechnung ist für jede Berührung gesondert durchzuführen.

Die Positionswinkel der einzelnen Phasen, in üblicher Weise vom Punkt größter Deklination nach Osten gezählt, folgen aus den Werten der letzten Näherung (Größen mit dem Index n) nach

$$P = N + \psi.$$

Will man den Winkelabstand Q vom Punkte der größten Höhe haben, so hat man von P noch den parallaktischen Winkel γ abzuziehen, der aus

$$\left.\begin{aligned} p \sin \gamma &= \xi \\ p \cos \gamma &= \eta \end{aligned}\right\} p > 0$$

folgt, also

$$Q = P - \gamma.$$

Um die Zeit der größten Phase, $T_{\max}$, zu erhalten, hat man die beiden Formelsysteme (1) und (2) mit einem Näherungswerte $\overline{T}_1$ durchzurechnen, daraus $\overline{T}_2 = \overline{T}_1 - \frac{m \cos (M - N)}{n}$ zu entnehmen und die Rechnung solange fortzusetzen, bis die Korrektion der Ausgangszeit 0 wird. Als Näherungswert $\overline{T}_1$ wählt man zweckmäßig das Mittel der beiden Werte von T_2 für die Berührungszeiten.

Die Größe der Verfinsterung i, in Teilen des Sonnendurchmessers ausgedrückt, ergibt sich dann aus:

$$i = \frac{L^{(a)} - m}{2 L^{(a)} - 0.5450}$$

worin $L^{(a)}$ und m die zur Zeit $T_{\max}$ gehörigen Werte bedeuten.

Sternbedeckungen (S. 288* – 296*).

Die Seiten 288*—291* enthalten die Elemente von Stern- und Planetenbedeckungen durch den Mond, welche in dem Gebiet zwischen den Meridianen 0^h und 2^h östliche Länge von Greenwich und den Breitenkreisen $+45°$ und $+55°$ sichtbar sind. Die Auswahl ist auf Sterne bis

zur Größe $6^{m}.0$ beschränkt, jedoch sind für Bedeckungen, die in Berlin-Babelsberg, Königsberg oder München sichtbar sind, auch schwächere Sterne berücksichtigt.

Mit den in der Zusammenstellung der Elemente gegebenen Werten geschieht die Berechnung der Berührungszeiten eines Sternes mit dem Mondrand für einen Ort mit den geographischen Koordinaten φ und λ (λ positiv, wenn der Beobachtungsort westlich von Greenwich liegt) auf folgende Weise:

Aus der auf den Seiten 288*—291* enthaltenen Welt-Zeit T der geozentrischen Konjunktion von Mond und Stern findet man einen ausreichenden Näherungswert $T + t$ der Welt-Zeit der topozentrischen Konjunktion durch Berechnung der Größen:

$$h_0 = H - \lambda$$

$$\xi_0 = c \cos \varphi \sin h_0 \quad (c \text{ und später } s \text{ aus der Tafel auf S. 342*})$$

$$\xi' = [9.4192 - 10]\, c \cos \varphi \cos \tfrac{4}{3} h_0$$

$$t = \frac{\xi_0}{x' - \xi'}$$

t ergibt sich in Stunden mittlerer Zeit. Das Vorzeichen entspricht dem von h_0.

Für die Zeit $T + t$ berechne man die folgenden Größen, in denen $t_0 = 1.0027\, t$ ist.

$$\xi = c \cos \varphi \sin (h_0 + t_0)$$

$$\eta = s \sin \varphi \cos \delta - c \cos \varphi \sin \delta \cos (h_0 + t_0) = \eta_1 - \eta_2$$

$$\xi' = [9.4192 - 10]\, c \cos \varphi \cos (h_0 + t_0)$$

$$\eta' = [9.4192 - 10]\, \xi \sin \delta$$

$$x = x'\, t$$

$$y = Y + y'\, t.$$

Aus den Beziehungen:

$$\left.\begin{aligned} m \sin M &= x - \xi \\ m \cos M &= y - \eta \end{aligned}\right\} m > 0$$

$$\left.\begin{aligned} n \sin N &= x' - \xi' \\ n \cos N &= y' - \eta' \end{aligned}\right\} n > 0$$

$$\sin \psi = [0.5646]\, m \sin (M - N),$$

ψ zwischen $+90°$ und $-90°$, berechne man

$$\tau = -\frac{[1.7782]\, m}{n} \cos (M - N) \mp \frac{[1.2135]}{n} \cos \psi$$

$$d\tau = \frac{[6.7591 - 10]\, \tau^2}{n \cos \psi} [\eta_2 \cos (N \mp \psi) - \xi \sin (N \mp \psi)],$$

wobei die oberen Vorzeichen für den Eintritt, die unteren für den Austritt gelten. Die eingeklammerten Zahlen bedeuten Logarithmen. τ und $d\tau$ ergeben sich in Zeitminuten. Werden die für den Eintritt geltenden Werte mit τ' und $d\tau'$ bezeichnet, die für den Austritt geltenden mit τ'' und $d\tau''$, so ist die Welt-Zeit des

$$\text{Eintritts} = T + t + \tau' + d\tau'$$

$$\text{Austritts} = T + t + \tau'' + d\tau''.$$

Als Kontrolle berechne man die Werte von x, y, ξ, η für die so gefundenen Berührungszeiten. Sind diese richtig, so muß die Beziehung erfüllt sein:

$$\sqrt{(x - \xi)^2 + (y - \eta)^2} = 0.2725.$$

Ist $m \sin(M - N) > 0.2725$, so tritt für den betreffenden Beobachtungsort keine Bedeckung des Sternes ein.

Die Positionswinkel des Sternes in bezug auf den Mondmittelpunkt für die Zeiten des Ein- und Austritts folgen aus

$$P_E = N - \psi - dP \text{ für den Eintritt,}$$
$$P_A = N + \psi + dP \pm 180^\circ \text{ für den Austritt,}$$

wobei die Winkel $N - \psi$ und $N + \psi$ aus der Rechnung für $d\tau$ entnommen werden können, und dP in Graden ausgedrückt aus

$$dP = \frac{[7.3038 - 10]\,\tau^2}{\cos\psi}(\eta_2 \sin N + \xi \cos N)$$

folgt.

Auf den Seiten 292* — 296* sind Angaben über die Sternbedeckungen enthalten, die in Berlin-Babelsberg, Königsberg und München sichtbar sind. Außer der genäherten Welt-Zeit des Ein- und Austrittes ist unter P der Positionswinkel des Sterns für die Zeiten der Berührung mit dem Mondrande angeführt.

Die Größen a und b dienen zur Berechnung der genäherten Ein- und Austrittszeiten für andere als die drei angeführten Orte. Sind λ_0 und φ_0 die geographischen Längen und Breiten von Berlin-Babelsberg, Königsberg oder München, λ und φ die Koordinaten irgendeines anderen Ortes innerhalb Deutschlands, so wird für diesen letzteren die Zeit der Berührung des Sterns mit dem Mondrande, wenn man z. B. von den für Berlin-Babelsberg geltenden Angaben ausgeht, gleich der Zeit der Berührung für Berlin-Babelsberg $+ a(\lambda - \lambda_0) + b(\varphi - \varphi_0)$, wobei $\lambda - \lambda_0$ und $\varphi - \varphi_0$ in Einheiten des Grades unter Mitnahme der Zehntelgrade zu verwenden sind, und die Korrektion $a(\lambda - \lambda_0) + b(\varphi - \varphi_0)$ sich in Zeitminuten ergibt.

Die Vorausberechnungen der Sternbedeckungen für Berlin-Babelsberg, Königsberg und München sind von den Herren T. Whitwell und W. A. Forster ausgeführt und von dem Nautical Almanac Office, London, zur Verfügung gestellt worden.

Mondbewegung und Lage des Mondäquators gegen den Erdäquator (S. 297*).

Auf S. 297* finden sich:

☊, Aufsteigender Knoten der Mondbahn auf der Ekliptik,
$L_☾$, Mittlere Länge des Mondes,
$M_☾$, Mittlere Anomalie des Mondes,
i, Neigung des Mondäquators gegen den Erdäquator,
☊′, Aufsteigender Knoten des Mondäquators auf dem Erdäquator,
Δ, Stück des Mondäquators zwischen Ekliptik und Erdäquator,

☋, der aufsteigende Knoten des Mondäquators auf der Ekliptik, ist gleich dem absteigenden Knoten der Mondbahn, also

$$☋ = ☊ \pm 180^\circ.$$

Vom Jahrgang 1926 ab sind die Brownschen Mondtafeln verwendet. Die Größen i, Δ und Ω' berechnen sich aus:

$$\sin\frac{1}{2}(\Delta+\Omega')\cos\frac{1}{2}i=\cos\frac{1}{2}(\varepsilon-J)\sin\frac{1}{2}\mho$$
$$\cos\frac{1}{2}(\Delta+\Omega')\cos\frac{1}{2}i=\cos\frac{1}{2}(\varepsilon+J)\cos\frac{1}{2}\mho$$
$$\sin\frac{1}{2}(\Delta-\Omega')\sin\frac{1}{2}i=\sin\frac{1}{2}(\varepsilon-J)\sin\frac{1}{2}\mho$$
$$\cos\frac{1}{2}(\Delta-\Omega')\sin\frac{1}{2}i=\sin\frac{1}{2}(\varepsilon+J)\cos\frac{1}{2}\mho;$$

dabei ist J, die Neigung des Mondäquators gegen die Ekliptik, nach F. Hayn (Astr. Nachr. Bd. **199**, S. 263) zu $J = 1^\circ\,32'\,20''$ angenommen worden. Die Zahlen geben die Lage des mittleren Mondäquators (ohne physische Libration).

Die auf S. 297* gemachten Angaben über die Elemente der Mondbahn und des Mondäquators werden, teilweise in Verbindung mit den Größen $L_\odot$ und $M_\odot$ auf S. 29, zu verschiedenen Zwecken verwendet:

1) Als Argumente für die Berechnung der Reduktionsgrößen A, B, C, D, E, A', B'.

2) Bei Bestimmung der selenographischen Koordinaten von Punkten der Mondoberfläche (siehe darüber den folgenden Abschnitt).

3) Bei Berechnung der *optischen* und *physischen* Libration des Mondes.

a) Für die Berechnung der *optischen* Libration des Mondes sind alle nötigen Angaben in den Erläuterungen zu den Hilfstafeln unter Nr. 8 (S. 371*) gemacht.

b) Die Beträge der *physischen* Mondlibration in selenographischer Länge, der Neigung des Mondäquators und seinem aufsteigenden Knoten auf der Ekliptik τ, ρ, σ haben die Werte:

$$\tau = -\ 13''\sin M_☾ + 65''\sin M_\odot + 26''\sin 2(L_☾ - M_☾ - \Omega)$$
$$\rho = -106''\cos M_☾ + 34''\cos(2L_☾ - M_☾ - 2\Omega) - 11''\cos 2(L_☾ - \Omega)$$
$$\sigma\sin J = -108''\sin M_☾ + 34''\sin(2L_☾ - M_☾ - 2\Omega) - 11''\sin 2(L_☾ - \Omega)$$

Diese Zahlenangaben beruhen auf der Annahme $f = 0.73$, worüber F. Hayn (Astr. Nachr. Bd. **199**, S. 264) einzusehen ist.

Ephemeride für den Mondkrater Mösting A.

(S. 298*—302*).

Die Ephemeride des Mondkraters Mösting A. dient zwei verschiedenen Zwecken: erstens zur genauen Bestimmung von Mondörtern am Himmel durch Beobachtung des Kraters, zweitens zur Bestimmung der selenographischen Koordinaten weiterer Punkte der Mondoberfläche durch deren mikrometrischen Anschluß an Mösting A.

Sie gilt für 0^h Welt-Zeit und enthält für die Tage, an welchen Mösting A. innerhalb der Beleuchtungsgrenze liegt, die Unterschiede $\alpha_☾ - \alpha_k$ in Rektaszension und $\delta_☾ - \delta_k$ in Deklination zwischen der Mond-

mitte und dem Krater, vom Erdmittelpunkt aus gesehen, sowie den Logarithmus des Sinus der Äquatorial-Horizontalparallaxe p_k des Kraters, welche von der des Mondes $p_☾$ zu unterscheiden ist, mit den zugehörigen Differenzen.

Zur Anwendung der Ephemeride auf Beobachtungen des Kraters interpoliere man $\alpha_☾ - \alpha_k$, $\delta_☾ - \delta_k$ und log sin p_k mit der Beobachtungszeit. Fügt man alsdann $\alpha_☾ - \alpha_k$ und $\delta_☾ - \delta_k$ zum geozentrischen Ort des Kraters (die Parallaxe wird mit p_k und δ_k, der Deklination des Kraters, berechnet), so hat man die geozentrische Rektaszension und Deklination des Mondes für die Beobachtungszeit.

Hat man einen Punkt der Mondoberfläche mikrometrisch an Mösting A. angeschlossen, so bestimme man zunächst die topozentrischen, d. h. mit Parallaxe behafteten Koordinatendifferenzen $\alpha'_☾ - \alpha'_k$ und $\delta'_☾ - \delta'_k$ zwischen Mondmittelpunkt und Mösting A. aus folgenden Identitäten:

$$\alpha'_☾ - \alpha'_k = \alpha_☾ - \alpha_k + (\alpha'_☾ - \alpha_☾) - (\alpha'_k - \alpha_k)$$
$$\delta'_☾ - \delta'_k = \delta_☾ - \delta_k + (\delta'_☾ - \delta_☾) - (\delta'_k - \delta_k).$$

Verbindet man die so erhaltenen topozentrischen Abstände zwischen der Mondmitte und Mösting A. mit den mikrometrischen Messungen zwischen Mösting A. und einem zweiten Krater, so erhält man die topozentrische Lage des letzteren gegen die Mondmitte und kann hieraus mit Hilfe von $\alpha'_☾$ und $\delta'_☾$ und den Angaben auf S. 297* die selenographische Länge und Breite des zweiten Kraters berechnen. Hierzu dienen die im folgenden angeführten Formeln.

Bezeichnet man mit α' und δ' die topozentrische AR. und Dekl. des an Mösting A. angeschlossenen Kraters, so hat man:

$$s \sin \pi_m = (\alpha' - \alpha'_☾) \cos \frac{1}{2} (\delta' + \delta'_☾)$$
$$s \cos \pi_m = \delta' - \delta'_☾$$
$$\pi = \pi_m - \frac{1}{2} (\alpha' - \alpha'_☾) \sin \frac{1}{2} (\delta' + \delta'_☾)$$
$$\sin (K + s) = \sin s \operatorname{cosec} h'.$$

h' ist der Abstand des Kraters vom Mondschwerpunkt, gesehen vom Beobachtungsort aus, der aus h, dem vom Erdmittelpunkt aus gesehenen Abstand, durch Anbringen der Parallaxe gewonnen wird. Ist die Entfernung des Kraters vom Mondschwerpunkt gänzlich unbekannt, so möge für h der aus Sternbedeckungen folgende Wert des Mondhalbmessers 15′ 32″.59 (nach J. Peters, Astr. Nachr. Bd. **138,** S. 147) eingesetzt werden.

$$\sin d = - \sin \delta'_☾ \cos K + \cos \delta'_☾ \sin K \cos \pi$$
$$\cos d \cos (a - \alpha'_☾) = - \cos \delta'_☾ \cos K - \sin \delta'_☾ \sin K \cos \pi$$
$$\cos d \sin (a - \alpha'_☾) = \sin K \sin \pi$$
$$\sin \beta = \sin d \cos i - \cos d \sin i \sin (a - ☊')$$
$$\cos \beta \sin \lambda' = \sin d \sin i + \cos d \cos i \sin (a - ☊')$$
$$\cos \beta \cos \lambda' = \cos d \cos (a - ☊')$$
$$\lambda = \lambda' - 180° - L_☾ - (\Delta - ☋).$$

Die so erhaltenen Werte von λ und β beziehen sich auf den mittleren (vom Einfluß der physischen Libration freien) Mondäquator; die Transformation auf den wahren erfolgt durch die Korrektionen:

$$\begin{aligned} d\lambda = &+ 13'' \sin M_{☾} - 65'' \sin M_{\odot} - 26'' \sin 2\,(L_{☾} - M_{☾} - \Omega) \\ &+ \operatorname{tg}\beta\,[-106'' \cos (L_{☾} - M_{☾} - \Omega + \lambda) \\ &+ 34'' \cos (L_{☾} - M_{☾} - \Omega - \lambda) - 11'' \cos (L_{☾} - \Omega - \lambda)] \\ d\beta = &+ 108'' \sin (L_{☾} - M_{☾} - \Omega + \lambda) + 34'' \sin (L_{☾} - M_{☾} - \Omega - \lambda) \\ &- 11'' \sin (L_{☾} - \Omega - \lambda) \end{aligned}$$

Bringt man diese Korrektionen $d\lambda$ und $d\beta$ an λ und β an, so erhält man die selenographischen Koordinaten des Kraters:

$$\lambda_0 = \lambda + d\lambda, \qquad \beta_0 = \beta + d\beta$$

Der Berechnung der Ephemeride des Kraters Mösting A. liegen folgende von F. Hayn ermittelten Konstanten (Astr. Nachr. Bd. **199**, S. 263) zugrunde:

$$\lambda_0 = -5^\circ\ 10'\ 7'', \quad \beta_0 = -3^\circ\ 11'\ 2''$$
$$h = 15'\ 33''.4$$

Für die Reduktion auf den mittleren Mondäquator wurden die Werte angenommen:

$$\begin{aligned} d\lambda &= - 13'' \sin M_{☾} + 65'' \sin M_{\odot} + 26'' \sin 2\,(L_{☾} - M_{☾} - \Omega) \\ d\beta &= - 108'' \sin (L_{☾} - M_{☾} - \Omega + \lambda_0) - 34'' \sin (L_{☾} - M_{☾} - \Omega - \lambda_0) \\ &\qquad + 11'' \sin (L_{☾} - \Omega - \lambda_0), \end{aligned}$$

so daß die auf den mittleren Mondäquator bezogenen selenographischen Koordinaten des Kraters Mösting A. sind:

$$\lambda = \lambda_0 + d\lambda, \qquad \beta = \beta_0 + d\beta.$$

Die Formeln zur Berechnung der Ephemeride siehe in den Erläuterungen zum Jahrbuch 1916.

Jupitertrabanten (S. 303*—304*).

Die Seiten 303* und 304* enthalten die Zeitangaben (in Welt-Zeit) für die Verfinsterungen der vier hellen Jupitertrabanten in dem Schattenkegel des Jupiter; Ein- und Austritte sind durch beigefügtes E. und A. unterschieden.

Saturnsring (S. 305*—306*, 309*).

Die Angaben für die scheinbare Größe des Saturn und für die Lage und Größe des Saturnsringes haben die folgende Bedeutung:

α Große Achse des Saturn.

β Kleine Achse des Saturn.

p_a Phase; positiv, wenn der Ostrand, negativ, wenn der Westrand verdunkelt ist.

a Große Achse der Ringellipse.

b Kleine Achse der Ringellipse; positiv, wenn die nördliche, negativ, wenn die südliche Fläche des Ringes sichtbar ist.

U' Heliozentrische Länge des Saturn, gezählt auf der Ringebene vom aufsteigenden Knoten des Ringes in der Ekliptik an.

B' Erhöhungswinkel der Sonne über der Ringebene vom Saturn aus gesehen; nördlich positiv, südlich negativ.

P' Winkel der kleinen Achse der Ringellipse mit dem durch den Saturnsmittelpunkt gehenden Längenkreise; östlich positiv, westlich negativ.

U Geozentrische Länge des Saturn, gezählt auf der Ringebene vom aufsteigenden Knoten des Ringes im Erdäquator an.

B Erhöhungswinkel der Erde über der Ringebene vom Saturn aus gesehen; nördlich positiv, südlich negativ.

P Winkel der kleinen Achse der Ringellipse mit dem durch den Saturnsmittelpunkt gehenden Stundenkreise; östlich positiv, westlich negativ.

N Aufsteigender Knoten der Ringebene im Erdäquator, gezählt vom Äquinoktium an.

J Neigung der Ringebene gegen den Erdäquator.

ω Entfernung der Ekliptik vom Erdäquator, gemessen auf der Ringebene.

Es liegen folgende Bestimmungen nach H. Struve zugrunde:

Durchmesser des Saturn in der Entfernung 9.53887

Äquatorial $17''.47$ Polar $15''.65$

Lage des Saturnsringes gegen die Ekliptik und das Äquinoktium von 1889.25

$$\Omega_1 = 167° \; 57'.0 \quad \text{und} \quad i_1 = 28° \; 5'.6;$$

Durchmesser des Ringes in der Entfernung 9.53887

$$2\,R = 39''.35$$

Saturnstrabanten (S. *307—316*).

Die Berechnungen über die Saturnstrabanten sind mit den von H. Struve in:

I. Beobachtungen der Saturnstrabanten, 1. Abteilung, 1. Supplementheft zu den »*Observations de Poulkova*«;

II. *Publications de l'Observatoire Central Nicolas*, Série II, Vol. **XI** abgeleiteten, in Astr. Nachr. Bd. **162,** S. 325 u. ff. und von G. Struve in Veröff. Berlin-Babelsberg **VI.** 1 weiter verbesserten Elementen durchgeführt. Für die Halbachsen der 6 inneren Trabanten sind die auf Seite 239 der zweiten Abhandlung mittels der Saturnsmasse $= \frac{1}{3500}$ rechnerisch abgeleiteten Werte angenommen.

Die den Ephemeriden zugrunde liegenden Elemente sind:

MIMAS (II, Seite 195)

Epoche: 1889 April 0.0 Mittl. Zt. Grw.

$E_0 = 127°\ 19'.0$
$n = 381°.9945$
$\delta l = -44°.243 \sin(116°.46 + 5°.075\, t)$
$\quad - 0°.75 \sin 3\,(116°.46 + 5°.075\, t)$
$l_1 = E_0 + nt_d + \delta l$
$\Theta = 54°.7 - 365°.3\, t$
$\gamma = 1°\ 36'.5$
$\Pi_1 = 107°.2 + 365°.3\, t$
$e = 0.0190$
$a = 26''.814$

ENCELADUS (II, Seite 183)

Epoche: 1889 April 0.0 Mittl. Zt. Grw.

$E_0 = 199°\ 19'.8$
$n = 262°.73199$
$\delta l = + 11'.24 \sin(143° + 92°.4\, t)$
$\quad + 20'.0 \sin(75° + 29°.3\, t)$
$l_1 = E_0 + nt_d + \delta l$
$\Theta = 328° - 152°.7\, t$
$\gamma = 1'.4$
$\Pi_1 = 308°.38 + 123°.43\, t$
$e = 0.0046$
$a = 34''.401$

TETHYS (II, Seite 195)

Epoche: 1889 April 0.0 Mittl. Zt. Grw.

$E_0 = 284°\ 31'.0$
$n = 190°.69795$
$\delta l = + 118'.90 \sin(116°.46 + 5°.075\, t)$
$\quad + 2'.02 \sin 3\,(116°.46 + 5°.075\, t)$
$l_1 = E_0 + nt_d + \delta l$
$\Theta = 110°.55 - 72°.5\, t$
$\gamma = 1°\ 4'.36$
$e = 0.0000$
$a = 42''.586$

DIONE (II, Seite 183)

Epoche: 1889 April 0.0 Mittl. Zt. Grw.

$E_0 = 253°\ 51'.4$
$n = 131°.534955$
$\delta l = - 1'.21 \sin(143° + 92°.4\, t)$
$\quad - 2'.13 \sin(75° + 29°.3\, t)$
$l_1 = E_0 + nt_d + \delta l$

$$\Theta = 276^\circ - 31^\circ\!.0\, t$$
$$\gamma = 4'\!.0$$
$$\Pi_1 = 165^\circ + 31^\circ\!.0\, t$$
$$e = 0.0020$$
$$a = 54''\!.543$$

RHEA (G. Struve, Berlin-Bbg. VI, 1. Seite 16)
Epoche: 1889 April 0.0 Mittl. Zt. Grw.

$$E_0 = 358^\circ\ 23'\!.8$$
$$n = 79^\circ\!.690087$$
$$E - E_0 = +\,4'\!.95 \sin(343^\circ\!.4 - 10^\circ\!.1\, t)$$
$$l = E_0 + n t_d + (E - E_0)$$
$$(\Omega - \Omega_1)\sin i_1 = 20'\!.74 \sin(343^\circ\!.36 - 10^\circ\!.10 t) - 0'\!.38 + 1^\circ\!.00 \sin(48^\circ\!.5 - 0^\circ\!.50 t)$$
$$i - i_1 = 20'\!.74 \cos(343^\circ\!.36 - 10^\circ\!.10 t) - 2'\!.79 + 1'\!.00 \cos(48^\circ\!.5 - 0^\circ\!.50 t)$$
$$\Pi = 276^\circ\!.25 + 0^\circ\!.53\, t + 17^\circ\!.64 \sin[9^\circ\!.5\,(t - 1879.59)]$$
$$e = 0.00098 + 0.00030 \cos[9^\circ\!.5\,(t - 1879.59)]$$
$$a = 76''\!.170$$

Ω_1 und i_1 bezeichnen die Lage des Saturnsringes.

TITAN (II, Seite 172)
Epoche: 1890 Jan. 0.0 Mittl. Zt. Grw.

$$E_0 = 260^\circ\ 25'\!.1$$
$$n = 22^\circ\!.577009$$
$$E - E_0 = +\,4'\!.05 \sin(47^\circ\!.8 - 0^\circ\!.51\, t)$$
$$l = E_0 + n t_d + (E - E_0)$$
$$\Omega = 167^\circ\ 51'\!.2 + 35'\!.84 \sin(47^\circ\!.8 - 0^\circ\!.506\, t) + 0'\!.837\, t$$
$$i = 27^\circ\ 28'\!.4 + 16'\!.88 \cos(47^\circ 8 - 0^\circ\!.506\, t)$$
$$\Pi = 276^\circ\ 15' + 31'\!.7\, t + 22'\!.0\,(\sin 2g - \sin 2g_0)$$
$$e = 0.02886 + 0.000186\,(\cos 2g_0 - \cos 2g)$$
$$g = \Pi - \Omega - 4^\circ\!.5$$
$$g_0 = g \text{ für } t = 0$$
$$a = 176''\!.578$$

HYPERION (II, Seite 290)
Epoche: 1890 Jan. 0.0 Mittl. Zt. Grw.

$$E_0 = 304^\circ\!.53$$
$$n = 16^\circ\!.919983$$
$$\delta l = 9^\circ\!.16 \sin(200^\circ\!.5 + 0^\circ\!.56206\, t_d)$$
$$l = E_0 + n t_d + \delta l$$

Äquinoktium 1890.0 Epoche 1890.0 + t

$$\Omega = 167^\circ\ 49'\!.7 + 42'\!.4 \sin(47^\circ\!.8 - 0^\circ\!.50 t) + 78'\!.1 \sin(121^\circ\!.7 - 2^\circ\!.0 t)$$
$$i = 27^\circ\ 20'\!.8 + 19'\!.6 \cos(47^\circ\!.8 - 0^\circ\!.50 t) + 36'\!.2 \cos(121^\circ\!.7 - 2^\circ\!.0 t)$$

Epoche und Äquinoktium: 1888.890 + t

$$\Pi = 276^\circ\!.50 - 18^\circ\!.663\, t + 14^\circ\!.0 \sin(-0^\circ\!.84 + 19^\circ\!.191\, t) - 1^\circ\!.5 \sin(-1^\circ\!.68 + 38^\circ\!.382\, t)$$

$$e = 0.1043 + 0.0230 \cos(-0^\circ\!.84 + 19^\circ\!.191\, t) + \delta e$$

Epoche: 1890 Jan. 0.0 Mittl. Zt. Grw.

$$e\delta e = -0.00044 \cos(200^\circ\!.5 + 0^\circ\!.56206\, t_d)$$

$$a = 213''\!.92 + \delta a$$

$$\delta a = -0.00354\, a \cos(200^\circ\!.5 + 0^\circ\!.56206\, t_d).$$

JAPETUS (I, Seite 87; II, Seite 139)

Epoche: 1885 Sept. 1.0 Mittl. Zt. Grw.

$E_0 = 75^\circ\ 26'\!.4$

$n = 4^\circ\!.537997$

$l = E_0 + nt_d$

$\Omega = 142^\circ\ 12'\!.4 - 1'\!.48\, t$

$i = 18^\circ\ 28'\!.3 - 0'\!.54\, t$

$\Pi = 354^\circ\ 30' + 7'\!.9\, t$

$e = 0.02836 + 0.000015\, t$

$a = 514''\!.59$

Hierin bedeuten:

l_1, l = Mittlere Länge in der Bahn
n = Tropische mittlere tägliche Bewegung
δl = Libration
t_d = Anzahl der Tage seit der Anfangsepoche
t = Anzahl der Jahre seit der Anfangsepoche
Θ = Knoten auf dem Saturnsäquator
Ω = Knoten auf der Ekliptik
γ = Neigung der Trabantenbahn gegen den Saturnsäquator
i = Neigung der Trabantenbahn gegen die Ekliptik
Π_1, Π = Perisaturnium
e = Exzentrizität
a = Halbachse der Trabantenbahn in der mittleren Entfernung $(\Delta) = 9.53887$

l_1, Π_1 und Θ werden gezählt vom Äquinoktium aus in der Ekliptik, weiter im Saturnsäquator und dann erst in der Trabantenbahn, l und Π vom Äquinoktium aus in der Ekliptik und weiter in der Trabantenbahn.

Zunächst sind für die sechs inneren Trabanten auf den Seiten 307* bis 309* die Hilfsmittel gegeben, um in bequemer Weise ihre Positionen ableiten zu können. Sieht man hierbei von den Neigungen γ ab, so erhält man die rechtwinkligen Koordinaten x und y des Trabanten in bezug auf ein Achsenkreuz, dessen Anfangspunkt im Mittelpunkt des Saturn gelegen ist, dessen X-Achse parallel der großen Achse des Ringes verläuft, positiv, wenn östlich, negativ, wenn westlich vom Saturn, und dessen positive Y-Achse mit dem durch den Saturnsmittel. punkt gehenden Stundenkreise den Winkel P einschließt, aus den Gleichungen:

$$x = \frac{a(\Delta)}{\Delta} \frac{1}{1+\zeta} \frac{r}{a} \sin(u - U)$$

$$y = \frac{a(\Delta)}{\Delta} \frac{1}{1+\zeta} \frac{r}{a} \sin B \cos(u - U).$$

$(\Delta) = 9.53887$ bezeichnet den mittleren Wert der Entfernung Sonne—Saturn, Δ ist die Entfernung Erde—Saturn, $u = L + (v - M)$ ist die wahre Länge des Trabanten vom Erdäquator an gezählt.

$\log \frac{1}{1+\zeta}$ ist auf Seite 309* enthalten.

Ist genaueste Ortsbestimmung erforderlich, so darf man bei Mimas, Tethys und Rhea die Neigungen gegen den Saturnsäquator, da sie schon merklichere Werte annehmen, nicht mehr vernachlässigen; x und y ergeben sich dann aus:

$$x = \frac{a(\Delta)}{\Delta} \frac{1}{1+\zeta} \frac{r}{a} \sin(u - U)$$

$$y = \frac{a(\Delta)}{\Delta} \frac{1}{1+\zeta} \frac{r}{a} \sin B [\cos(u - U) + \sin\gamma \operatorname{cotg} B \sin(u - \vartheta)].$$

Die Werte von ϑ, der Länge des aufsteigenden Knotens der Trabantenbahn auf dem Saturnsäquator, gezählt vom Schnittpunkte des Saturnsäquators mit dem Erdäquator, finden sich auf Seite 309*; auch ist hier für Rhea γ, weil stärker mit der Zeit veränderlich, in Intervallen von 16 Tagen gegeben.

Will man aus x und y die Rektaszensions- und Deklinationsdifferenzen bestimmen, so dienen dazu die Gleichungen:

$$s \sin(p - P) = x$$
$$s \cos(p - P) = y$$

$$\Delta\alpha = \alpha_{tr} - \alpha_{pl} = \frac{1}{15} s \sin p \sec \delta_{tr}$$
$$\Delta\delta = \delta_{tr} - \delta_{pl} = s \cos p.$$

Auf den Seiten 310*—312* finden sich für die äußeren Trabanten Hyperion und Japetus, außer den Hilfsgrößen U, B und P, die genäherten Rektaszensions- und Deklinationsunterschiede gegen den Saturn in dem Sinne Trabant minus Planet.

Die aus den Angaben des Berliner Jahrbuchs ermittelten Trabantenörter sind auf das mittlere Äquinoktium der Epoche bezogen.

Zum Schluß enthalten die Seiten 313*—316* die Zeitangaben (in Welt-Zeit) für die östlichen Elongationen von Mimas, Enceladus, Tethys, Dione, Rhea, ferner für die östlichen und westlichen Elongationen $(u - U = \pm 90°)$ und für die oberen und unteren Konjunktionen $(u - U = 0°, 180°)$ von Titan, Hyperion und Japetus mit Saturn; diese Zeitangaben für die Elongationen und Konjunktionen sind bereits für Lichtzeit korrigiert, also ohne weiteres mit den Beobachtungen vergleichbar.

Konstellationen (S. 317*—318*).

In der Übersicht der Konstellationen des Jahres 1935 sind die hauptsächlichsten Planeten-Konstellationen gegeneinander und gegen Sonne und Mond, sowie die Angaben der Epochen, zu welchen sich

die Planeten in gewissen Hauptpunkten ihrer Bahn und ihres synodischen Laufes befinden, zusammengestellt. Die Bedeutung der hier verwendeten Zeichen siehe Seite VIII des Vorworts. — Die Konjunktionen der Planeten mit dem Mond und ihre gegenseitigen sind als Konjunktionen in AR. zu verstehen. Die Angaben über Konjunktion und Opposition der Planeten mit der Sonne entsprechen den Zeiten, zu denen der Längenunterschied zwischen Planet und Sonne 0° oder 180° ist.

Hilfstafeln (S. 319*—342*).

Es folgt eine Reihe von häufig gebrauchten Hilfstafeln.

1) Tafeln für Präzessionswerte (S. 319*—321*).

a) Präzession in Rektaszension und Deklination (Seite 319*)

$$p_\alpha = m + \tfrac{1}{15} n \sin\alpha \operatorname{tg}\delta$$
$$p_\delta = n \cos\alpha$$

b) Präzessionswerte m, n, ψ, π, Π und ε, die mittlere Schiefe der Ekliptik (Seite 319*).

Mit diesen Werten berechnet sich die Präzession für die Elemente einer Bahnebene im System der Ekliptik nach:

$$p_\Omega = \psi - \pi \operatorname{cotg} i \sin(\Pi - \Omega)$$
$$p_i = -\pi \cos(\Pi - \Omega)$$
$$p_\omega = \pi \operatorname{cosec} i \sin(\Pi - \Omega)$$

und im System des Äquators nach:

$$p_{\Omega'} = m - n \operatorname{cotg} i' \cos\Omega'$$
$$p_{i'} = -n \sin\Omega'$$
$$p_{\omega'} = n \cos\Omega' \operatorname{cosec} i'$$

c) Präzession in Länge und Breite (Seite 320*—321*).

$$p_\lambda = \psi + \pi \operatorname{tg}\beta \cos(\Pi - \lambda)$$
$$p_\beta = \pi \sin(\Pi - \lambda)$$

Den Tafeln a) und c) liegen die Präzessionswerte für 1925.0 zugrunde. Über die Bedeutung der Bezeichnungen und die Zahlenwerte vergleiche die Erläuterungen zum Jahrbuch für 1916.

2) Hilfstafeln zur Verwandlung von Mittlerer Zeit in Sternzeit (S. 322*, 324*) und von Sternzeit in Mittlere Zeit (S. 323*, 325*).

3) Eine Tafel zur Verwandlung von Stunden, Minuten und Sekunden in Dezimalteile des Tages und umgekehrt (S. 326*—327*).

4) Eine Tafel für die Ermittelung eines Datums in der Julianischen Periode (Seite 328*—332*). Die Tafel besteht aus zwei Teilen: Der erste Teil (S. 328*—329*) gibt in vierjährigen Schaltperioden für die Jahre 0 bis 2000 die Anzahl der am 0. Januar, 12^h Welt-Zeit, seit Anfang der Julianischen Periode verflossenen Tage. Als Ergänzung gibt die Hilfstafel am Fuß der Seite die Anzahl der am 0. jedes Monats, 12^h Welt-Zeit, seit Beginn der Schaltperiode verflossenen Tage. Man gehe bis zum 4. Oktober des Jahres 1582 mit dem Datum des Julia-

nischen, für spätere Jahre mit dem Datum des Gregorianischen Kalenders in die Tafel ein. Der zweite Teil (S. 330*—332*) gibt für die Jahre 1860—1979 unmittelbar die Anzahl der im Gregorianischen Kalender am 0. eines jeden Monats, 12^h Welt-Zeit, seit Beginn der Julianischen Periode verflossenen Tage.

5) Eine Tafel zur Verwandlung von Minuten und Sekunden in Dezimalteile des Grades und umgekehrt (S. 333*).

6) Tafel des halben Tagbogens (S. 334*—335*), berechnet mit der Horizontalrefraktion 34'.9 für geographische Breiten von + 30° bis + 60° und Deklinationen von —30° bis + 30°.

7) Reduktionstafeln für die Auf- und Untergangszeiten der Sonne und des Mondes (S. 336*—339*). Sie geben die Reduktion der für + 50° Breite gültigen Zeiten, wie sie in den Ephemeriden enthalten sind, auf geographische Breiten zwischen + 30° und + 60° und sind mit der Horizontalrefraktion 34'.9 für das Erscheinen oder Verschwinden des oberen Gestirnsrandes gerechnet.

8) Die Tafel zur Berechnung der optischen Mondlibration (S. 340*—341*) gibt mit dem Argument $\lambda - \Omega$ die Werte $\Delta\lambda$, a und B entsprechend den Gleichungen:

$$\Delta\lambda = \frac{1}{\operatorname{arc} 1'} \operatorname{tang}^2 \frac{1}{2} J \sin 2 (\lambda - \Omega)$$
$$a = -\cos(\lambda - \Omega) \sin J$$
$$\operatorname{tang} B = -\sin(\lambda - \Omega) \operatorname{tang} J$$

J = Neigung des Mondäquators gegen die Ekliptik.

Ω = Länge des aufsteigenden Knotens der Mondbahn auf der Ekliptik (s. S. 297*).

λ, β = Länge und Breite des Mondmittelpunktes, berechnet für den Beobachtungsort.

Bezeichnen noch $L_☾$ die mittlere Länge des Mondes, l' und b' die optische Libration der Mondmitte in selenographischer Länge und Breite, so ist:

$$l' = \lambda - L_☾ + \Delta\lambda - a(B - \beta)$$
$$b' = B - \beta$$

Der Winkel C, welchen der Mondmeridian des Mittelpunktes der scheinbaren Mondscheibe mit dem Stundenkreise bildet, ergibt sich aus der Gleichung:

$$\sin C = -\sin i \frac{\cos(L_☾ + l' + \Delta - ☋)}{\cos \delta_☾} = -\sin i \frac{\cos(\alpha_☾ - \Omega')}{\cos b'},$$

worin $\alpha_☾$, $\delta_☾$ Rektaszension und Deklination des Mondmittelpunktes, gesehen vom Beobachtungsort aus, bezeichnen; die anderen vorkommenden Größen i, Δ, ☋ und Ω' haben schon auf S. 361* ihre Erklärung gefunden.

9) Eine Tafel der Hilfsgrößen s und c (S. 342*) zur Berechnung der geozentrischen Breite φ' und der geozentrischen Entfernung ρ eines

Erdortes, ausgedrückt in Einheiten der großen Halbachse des Erdellipsoids, aus der geographischen Breite φ nach den Formeln:

$$\varrho \sin \varphi' = s \sin \varphi$$
$$\varrho \cos \varphi' = c \cos \varphi$$

Darin haben s und c die Bedeutung:

$$s = \frac{1-e^2}{\sqrt{1-e^2 \sin^2 \varphi}}, \quad c = \frac{1}{\sqrt{1-e^2 \sin^2 \varphi}}, \quad e = \sqrt{2\alpha - \alpha^2}.$$

Gemäß den Beschlüssen der Pariser Ephemeridenkonferenz von 1911 ist dabei die Abplattung $\alpha = \frac{1}{297.0}$ angenommen.

Koordinaten der Sternwarten (S. 343*—349*).

Die Seiten 343*—349* enthalten die geographischen und geozentrischen Koordinaten der Sternwarten.

Die Seehöhen sind in allen Fällen angegeben, wo sie sich einigermaßen sicher ermitteln ließen.

Die geographischen Längen sind auf den Meridian von Greenwich bezogen und dem entsprechend ist die »Korrektion der Sternzeit« die Differenz: Orts-Sternzeit in mittlerer Mitternacht minus Greenwicher Sternzeit in mittlerer Mitternacht.

Die geozentrischen Koordinaten sind den Beschlüssen der Pariser Ephemeridenkonferenz vom Oktober 1911 gemäß unter Annahme der Abplattung 1 : 297.0 berechnet.

Bei Berechnung von log ϱ ist die Seehöhe berücksichtigt.

Normalzeiten der wichtigeren Länder (S. 350*).

Auf S. 350* sind die in den wichtigeren Ländern eingeführten Normalzeiten in zwei Gruppen zusammengestellt, je nachdem sie an den Meridian von Greenwich angeschlossen sind oder einen eigenen Landes-Meridian zugrunde legen.

Berichtigungen.

Jahrbuch 1934, S. 45 Okt. 15. Die Zeit des Durchgangs ist $17^h 56^m.8$ anstatt $17^h 58^m.6$.

Jahrbuch 1935, S. 259* Juni 10.783. Der Wert von A' ist —228 anstatt —288.

Alphabetisches Sachregister

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